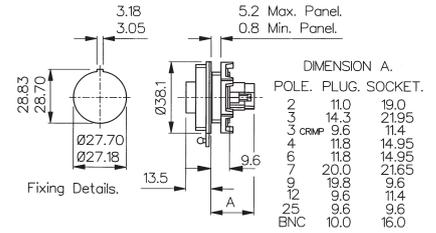


Front Panel Mounting Connector



PX0730/P

- Mates with Flex Cable Connector
- Single Hole Fixing
- Plug or Socket Versions
- Contacts 2, 3, 4, 6, 7, 9, 12, 25



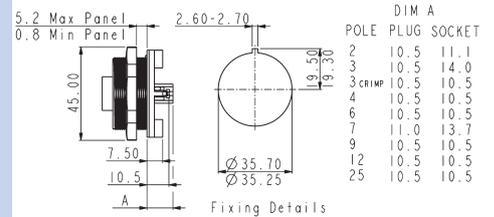
Contacts	Termination	Plug Contacts	Socket Contact	Contacts
2	Screw	PX0735/P	PX0735/S	Supplied Fitted
3	Screw	PX0730/P	PX0730/S	Supplied Fitted
3	Crimp	PX0779/P	PX0779/S	Supplied Loose
4	Screw	PX0747/P	PX0747/S	Supplied Fitted
6	Screw	PX0738/P	PX0738/S	Supplied Fitted
7	Screw	PX0744/P	PX0744/S	Supplied Fitted
9	Crimp	PX0727/P	PX0727/S	Supplied Loose
12	Crimp/Solder	PX0796/P	PX0796/S	Order Separately
25	Crimp/Solder	PX0822/P	PX0822/S	Order Separately

Rear Panel Mounting Connector



PX0709/P/03

- Mates with Flex Cable Connector
- Single Hole Fixing
- Plug or Socket Versions
- Contacts 2, 3, 4, 6, 7, 9, 12 or 25



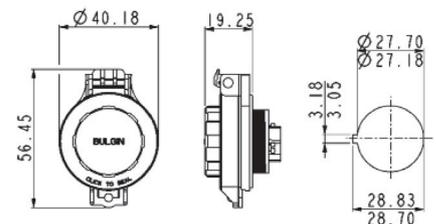
Contacts	Termination	Plug Contacts	Socket Contact	Contacts
2	Screw	PX0709/P/02	PX0709/S/02	Supplied Fitted
3	Screw	PX0709/P/03	PX0709/S/03	Supplied Fitted
3	Crimp	PX0708/P/03	PX0708/S/03	Supplied Loose
4	Screw	PX0709/P/04	PX0709/S/04	Supplied Fitted
6	Screw	PX0709/P/06	PX0709/S/06	Supplied Fitted
7	Screw	PX0709/P/07	PX0709/S/07	Supplied Fitted
9	Crimp	PX0708/P/09	PX0708/S/09	Supplied Loose
12	Crimp/Solder	PX0708/P/12	PX0708/S/12	Order Separately (SA3348/SA3347)
25	Crimp/Solder	PX0708/P/25	PX0708/S/25	Order Separately (SA3180/SA3179)

Spring Loaded Sealing Cap



PX0713

- IP54 rated
- Spring loaded
- Clip shut to seal
- For use with front of panel mounting connector types

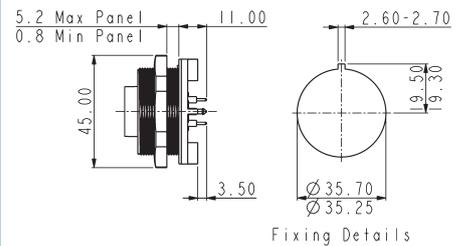


Rear PCB Mounting Connector



PX0707/P/12

- Mates with Flex Cable connector
- No. Contacts: 3, 4, 6, 9, 12 or 25
- Plug or socket versions
- Pre-loaded Gold Plated contacts



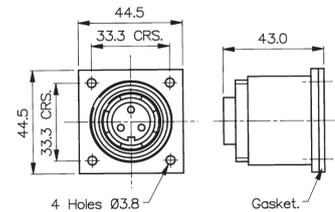
Contacts	Termination	Plug Contacts	Socket Contact	Contacts
3	PCB	PX0707/P/03	PX0707/S/03	Supplied Fitted
4	PCB	PX0707/P/04	PX0707/S/04	Supplied Fitted
6	PCB	PX0707/P/06	PX0707/S/06	Supplied Fitted
9	PCB	PX0707/P/09	PX0707/S/09	Supplied Fitted
12	PCB	PX0707/P/12	PX0707/S/12	Supplied Fitted
25	PCB	PX0707/P/25	PX0707/S/25	Supplied Fitted

Bulkhead Flange Mounting Connector



PX0756/S

- Mates with Flex Cable Connector
- Plug or Socket Versions
- Contacts 2, 3, 4, 6, 7, 9, 12, 25
- Supplied with sealing gasket and screw sealing grommets



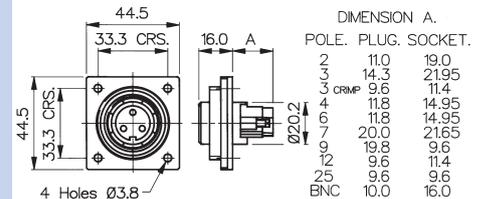
Contacts	Termination	Plug Contacts	Socket Contact	Contacts
2	Screw	PX0757/P	PX0757/S	Supplied Fitted
3	Screw	PX0756/P	PX0756/S	Supplied Fitted
3	Crimp	PX0787/P	PX0787/S	Supplied Loose
4	Screw	PX0761/P	PX0761/S	Supplied Fitted
6	Screw	PX0758/P	PX0758/S	Supplied Fitted
7	Screw	PX0760/P	PX0760/S	Supplied Fitted
9	Crimp	PX0762/P	PX0762/S	Supplied Loose
12	Crimp/Solder	PX0798/P	PX0798/S	Order Separately (SA3348/SA3347)
25	Crimp/Solder	PX0823/P	PX0823/S	Order Separately (SA3180/SA3179)

Low Profile Flange Mounting Connector



PX0765/S

- Screw Flange Fixing
- Plug or Socket Versions
- Contacts 2, 3, 4, 6, 7, 9, 12, 25
- Mates with Flex Cable Connector
- Supplied with sealing gasket and screw sealing grommets



Contacts	Termination	Plug Contacts	Socket Contact	Contacts
2	Screw	PX0764/P	PX0764/S	Supplied Fitted
3	Screw	PX0765/P	PX0765/S	Supplied Fitted
3	Crimp	PX0781/P	PX0781/S	Supplied Loose
4	Screw	PX0766/P	PX0766/S	Supplied Fitted
6	Screw	PX0767/P	PX0767/S	Supplied Fitted
7	Screw	PX0768/P	PX0768/S	Supplied Fitted
9	Crimp	PX0769/P	PX0769/S	Supplied Loose
12	Crimp/Solder	PX0797/P	PX0797/S	Order Separately (SA3348/SA3347)
25	Crimp/Solder	PX0824/P	PX0824/S	Order Separately (SA3180/SA3179)

Coloured Contact Inserts



Coloured Inserts

- With or without matching gland nut
- Positive visual identification
- Available in; Black, Blue, Green, Grey, Light Grey, Red, White and Yellow

Contact Inserts Colour Options

Part No	Suffix Colour
Blank	Black
BL	Blue
GN	Green
GY	Grey
LG	Light Grey
RD	Red
WH	White
YL	Yellow

Insert/Gland Nut Combinations

1	Insert and Gland Nut Coloured
2	Insert Only Coloured

E.g. PX0731/P/YL1 = Yellow insert and gland nut

Contacts for 12 and 25 Contact Inserts



12 and 25 way contacts

- Crimp or Solder Plugs and Sockets
- Gold Plated
- Current ratings:
12 way: 5A, 50V
25 way: 1A, 50V

Contacts - Solder & Crimp for 12 and 25 Contact

Contacts (for 12 Contact) (Supplied in packs of 10)	Solder	Crimp
Plugs	SA3348/1	SA3348
Sockets	SA3347/1	SA3347
Contacts (for 25 Contact) (Supplied in packs of 10)	Solder	Crimp
Plugs	SA3180/1	SA3180
Sockets	SA 3179/1	SA3179

Assembly Tools



PNo 14025 and 13027

- Crimp Tools for 3, 9, 12 and 25 Contact crimp contacts
- Insertion/Extraction Tool for 25 Contact contacts

Tools

Crimp Tool (25 Contact)	PNo. 14025/1AMP
Crimp Tool (12 Contact)	PNo. 14025
Positioner (12 Contact)	PNo. 14025/5AMP
Crimp Tool (9 Contact)	PNo. 13826
Crimp Tool (3 Contact)	PNo. 14232
3 Contact positioner	PNo. 14232/1
Insertion/Extraction Tool (25 Contact)	PNo. 13027
Insertion/Extraction Tool (12 Contact)	PNo. 13027/1
Insertion/Extraction Tool (3 Contact)	PNo. 13027/3

Cable Glands



12023/1, 12023/2 & SA3253

- Pack of alternative cable glands to suit cables from 3.5 to 9mm dia.

Cable Acceptance - Alternatives

Gland Diameter	Gland Part No.	Gland Colour	Additional Suffix
6-8mm	12023	Black	Standard for 2-12 Contact
3.5-5mm	SA3426	Grey	Suffix /04†
5-7mm	12023/1	White	Suffix /05
7-9mm	12023/2	Yellow	Suffix /07*
Gland Pack	SA3253	Pack of 3 glands to suit cables 3.5-5mm, 5-7mm & 7-9mm dia†	

*Note: 7-9mm gland standard for 25 way, no suffix required.
†Includes additional black gland cage for 3.5-5mm dia. cable range.

To order connector with alternative cable gland add suffix to part no. e.g. PX0731/P/07 = PX0731 3 Plug connector with cable gland to suit 7-9mm dia. cable.

Cable Acceptance - Standard as supplied

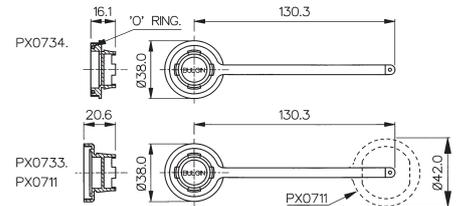
No. Contacts	Cable Diameter or Type
2-12 Contact	6-8mm
25 Contact	7-9mm

Sealing Cap and Assembling Tool



PX0734 & PX0733

- Maintains IP68 Rating of Unmated Connectors
- Can be used to remove Inserts
- PX0734 for Flex Cable Connector
- PX0733 for Inline, Front Panel, Bulkhead and Flange mount connectors
- PX0711 for PCB and Rear Panel Mount connectors

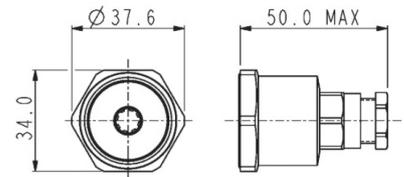


Rear of Panel Back Shell



PX0799

- Provides environmental seal to rear of panel
- Standard cable acceptance 6-8mm, 3.5 to 9mm with alternative glands
- For use on front panel mounting connectors
- Replaces mounting nut in panel connector

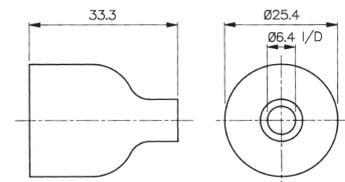


PVC Insulation Boot



PNo. 12855

- Shock protection for rear of connector
- Flammability Rating UL94V-0
- Fits Front Panel Mount Versions only

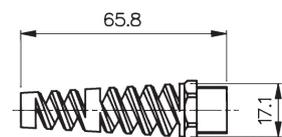


Cable Support Accessory



PNo. 12237

- Gives Extra Support to the Cable
- Suitable for 5-7mm and 7-9mm Cable Diameters



PX07XX / X / XX / XX X

Body Styles

- PX0736
- PX0731
- PX0776
- PX0748
- PX0739
- PX0745
- PX0728
- PX0794
- PX0820
- PX0737
- PX0732
- PX0778
- PX0749
- PX0740
- PX0746
- PX0729
- PX0795
- PX0821
- PX0735
- PX0730
- PX0779
- PX0747
- PX0738
- PX0744
- PX0727
- PX0796
- PX0822
- PX0709
- PX0708
- PX0707
- PX0757
- PX0756
- PX0787
- PX0761
- PX0758
- PX0760
- PX0762
- PX0798
- PX0823
- PX0764
- PX0765
- PX0781
- PX0766
- PX0767
- PX0768
- PX0769
- PX0797
- PX0824

Contacts Type

P = Plug
S = Socket

Cable Acceptance or PCB/Rear Panel Mounting

Flex Cable and Inline Connectors cable acceptance use:
Blank = 6-8mm (Black) standard for 2-12 Contact

04 = 3.5-5mm (Grey)
05 = 5-7mm (White)
07 = 7-9mm (Yellow)
(standard for 25 way, no suffix required)

PCB (PX0707) and Rear Panel Mount connectors (PX0708 and PX0709) use:

02 = 2 Contact 03 = 3 Contact
04 = 4 Contact 06 = 6 Contact
07 = 7 Contact 09 = 9 Contact
12 = 12 Contact 25 = 25 Contact

Front Panel, Bulkhead and Flange Mount - not required:

Insert/Gland Nut Colour

Blank = Black
BL = Blue
GN = Green
GY = Grey

LG = Light Grey
RD = Red
WH = White
YL = Yellow

Insert/Gland Nut Colour Combination

1 = Insert and Gland Nut Coloured
2 = Insert only Coloured

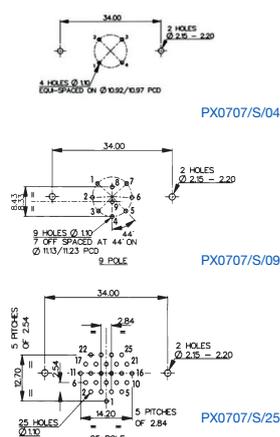
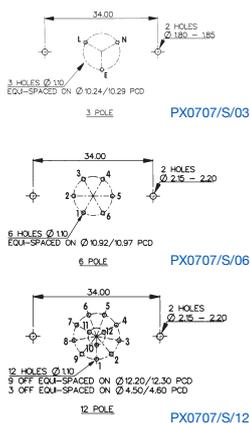
Examples:

PX0707/P/06= PCB Panel connector, Plug contacts, 6 Contact
PX0731/S = Flex Cable connector, socket contacts, 3 Contact
PX0732/P/07/BL2 = Inline Cable connector, Plug contacts, 3 Contact, 7-9mm cable acceptance, blue insert

PCB Layouts

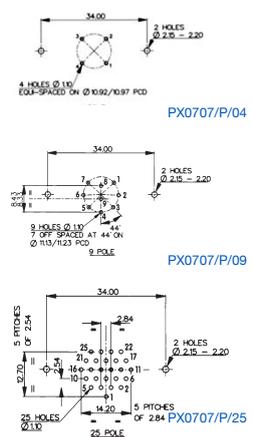
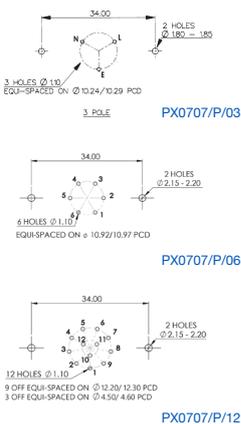
Sockets

Contact Nos viewed from rear of panel



Plugs

Contact Nos viewed from rear panel rear of panel



Electrical:

No. Contacts:	2, 3	4	6, 7	9	12	25
Current Rating:						
VDE	12A	10A	5A	5A	5A	1A
UL	12A	10A	5A	5A	5A	1A
Voltage Rating (AC/DC):	277V	277V	277V	150V	50V	50V
Contact Resistance:	<10mΩ (2-9 Contact)					
	<5mΩ (12 Contact)					
	<5mΩ (25 Contact)					
Insulation Resistance:	>10 ⁴ MΩ @ 500V DC (2-9 Contact)					
AC Breakdown voltage:	4kV Contact - Contact (2-9 Contact)					
	6kV Contacts - Panel (Low Profile Flange and Panel Types – 2-9 Contact)					
	7.5kV Contacts - Panel (Other Types – 2-9 Contact)					
Operating Temp. Range:	-20°C to +70°C					
Approvals:						
 UL (Underwriters Laboratory)	E93288 and E337507					
 VDE (Verband der Elektrotechnik)	40023148					
	Overmoulded cable assemblies approvals to customer requirements.					

Material:

Body Mouldings:	Glass Filled Polyamide UL94HB
Inserts (2-25 Contact):	Polyamide UL94V-0
PX0707	Polyamide UL94V-0
PX0708	Polyamide UL94V-0
PX0709	Polyamide UL94V-0
Overmoulded types:	
Body Mouldings:	Polyurethane
Flammability Rating:	UL94V-HB
Contacts:	
Screw Terminal:	Brass, Nickel Plated
Crimp (9 Contact):	Copper Alloy, Tin Plated
Crimp/Solder (12+25 Contact):	Copper Alloy, Gold Plated (0.1µm on Nickel)
BNC inserts:	Brass, Nickel Plated
BNC contacts:	Brass, Silver Plated
RoHS	Compliant

Mechanical:

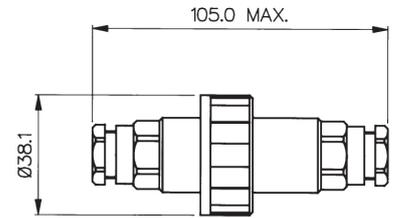
Sealing:	IP69K, Tested in accordance with DIN 40050/Part 9 IP6k9k
	IP68, EN 60529:1992+A2:2013 Tested @ 1.054kg/sq.cm. (15lb/sq.in.) 10m depth for 2 weeks.
	EN 60529:1992 +A2:2013 Tested @ 9.84kg/sq.cm. (140lb/sq.in.) 100m depth for 12 hours.
Salt Mist:	EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
Cable Acceptance:	
2-12 Contact - standard gland:	6-8mm dia
2-12 Contact - alternative glands:	3.5-9mm dia
25 Contact - standard gland:	7-9mm dim
25 Contact - alternative glands:	3.5-7mm dim
Contact Accommodation:	
2 and 3 Contact screw terminals:	2.5-4mm ² (12-14AWG)
3 Contact crimp:	1-1.5mm ² (16-17AWG)
4, 6 and 7 Contact:	1-1.5mm ² (17-16AWG)
9 Contact:	0.14-0.25mm ² (24-26AWG)
12 Contact:	0.25-0.34mm ² (22-24AWG)
25 Contact:	0.14-0.25mm ² (24-26AWG)
Terminations:	
2-7 Contact:	Screw Terminals
3 Contact:	Screw Terminals & Crimp
9 Contact:	Crimp Contacts
12 Contact:	Crimp & Solder Contacts
25 Contact:	Crimp & Solder Contacts
Tightening Torques:	
Flex Mounting/Inline:	Gland Nut: 1.13Nm (10lbf.in.)
Panel Mounting:	Rear Fixing Nut: 1.7Nm (15lbf.in.)
	Front Fixing Nut: 1.4Nm (12.4lbf.in.)
Surface/Bulkhead and Low Profile Flange Mounting:	4 Fixing Screws (using washers supplied) 0.34Nm (3lbf.in.)
Sealings Caps/Locking Ring:	1.13Nm (10lbf.in.)
Rear thread, Front Panel Connector:	M27 x 1.0-6H
Thread, Front Panel Connector:	M35 x 1.0-6H

Cable Joiner



PX0777

- IP68 & IP69k Rating
- For Sealed Inline Connections
- Standard Cable Acceptance 6-8mm
- Cable Range 3.5-9mm (using alternative glands)
- Supplied with 4, 6 or 8 way Terminal Block
- Available Moulded in Black or Orange



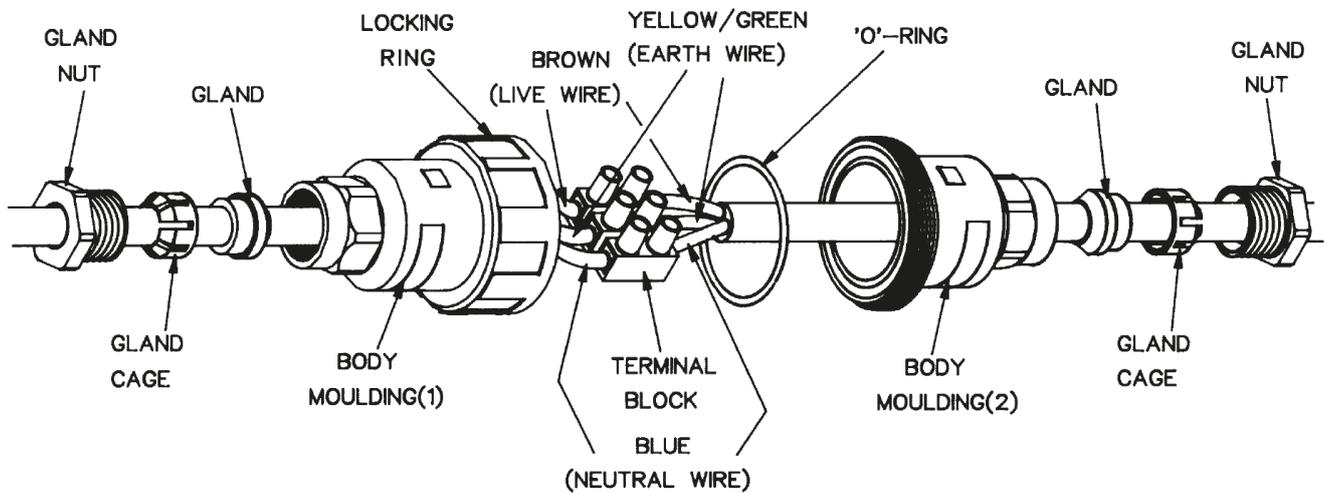
Specifications

	PX0777	PX0777/4POLE, 6POLE, 8POLE	POLE Configurations
Rating:	16A, 250V AC	10A, 250V AC	
Wire Termination:	3 way Terminal Block	4, 6, 8 way Terminal Block	
Conductor Accommodation:	2.5mm ² max (14AWG)	1.5mm ² max (16AWG)	
Cable Acceptance:	6-8mm dia alternative glands available on request	6-8mm dia alternative glands available on request	
Material:	Glass Filled Polyamide UL94-HB	Glass Filled Polyamide UL94-V0	
Sealing:	IP68 to BSEN 60529 : 1992 1.054kg/sq.cm. (15lbs/sq.in.) 10m depth for 2 weeks	IP68 to BSEN 60529 : 1992 1.054kg/sq.cm. (15lbs/sq.in.) 10m depth for 2 weeks	
Salt Mist	IP69k to DIN 40050-9 EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1	IP69k to DIN 40050-9 EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1	
Operating Temp. Range:	-20°C to +70°C	-20°C to +70°C	
Colour:	Black Orange (Add /OR to PNo.)	Black Orange (Add /OR to PNo.)	
RoHS	Compliant	Compliant	

Examples

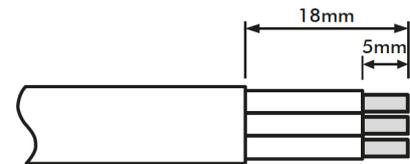
- PX0777 – 3 Contact 6-8mm Black.
- PX0777/04 – 3 Contact 3.5-5.0mm Black.
- PX0777/04/OR – 3 Contact 3.5-5.0mm Orange.
- PX0777/4POLE – 4 Contact 6-8mm Black.
- PX0777/6POLE/04 – 6 Contact 3.5-5.0mm Black.
- PX0777/8POLE/04/OR – 8 Contact 3.5-5.0mm Orange.

PX0777	XPOLE	XX	XX
Part No	Blank = 3 Contact 4POLE = 4 Contact 6POLE = 6 Contact 8POLE = 8 Contact	Blank = 6-8mm 04 = 3.5-5mm 05 = 5-7mm 07 = 7-9mm	Blank = Black OR = Orange



1. Strip wires to dimensions shown.
2. Assemble components parts onto cable as shown, then connect wires to terminal block.

ENSURING WIRES CONNECTED INTO ONE SIDE OF TERMINAL BLOCK MATCH WIRES CONNECTED INTO THE OTHER SIDE.



Wire stripping details

i.e. Brown to Brown (Live)
Blue to Blue (Neutral)
Green/Yellow to Green/Yellow (Earth)

3. Bring the two body mouldings together ensuring the 'O' ring is correctly located in groove then lock together with locking ring, ensure ring is fully tightened.

Put gland cage over gland and push fully home into its appropriate body then fully tighten gland nuts.

4. To ensure a good seal, all surfaces must be completely free of dust, grease or any other contamination.

THIS CABLE CONNECTOR IS SUITABLE FOR USE WITH LOADS NOT EXCEEDING 16 AMPS USING 1.5mm² CABLE

ALWAYS USE WITH SUPPLY PROTECTED BY AN RCD (RESIDUAL CURRENT DEVICE), IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN.

DANGER
DISCONNECT MAINS SUPPLY BEFORE DISMANTLING CONNECTOR

The **vitalis Buccaneer series** is engineered for a world where performance meets responsible material use. Its outer casing contains up to **86% bio-based plastics**, offering a more sustainable choice without compromising strength, reliability, or durability in harsh environments.



vitalis

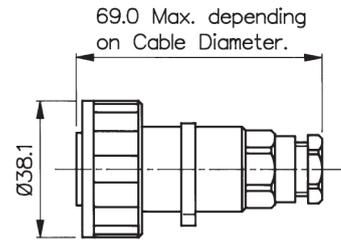
- Standard **vitalis** Buccaneer products contain up to 86% bio-based content by weight (mass-balanced approach)
- Bio-based plastics enable Product Carbon Footprint (PCF) reductions
- IP68 rating tested at 1.054kg/sq cm (15lb/sq in) 10m depth for 2 weeks and 9.84kg/sq cm (140lb/sq in) 100m depth for 12 hours (when mated)
- EN 60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
- 2, 3, 4, 6, 7, 9, 12 and 25 Contact
- 12A, 277V AC/DC 2 Contact screw terminal, 3 Contact screw terminal and crimp contacts
- 10A, 277V AC/DC 4 Contact screw terminal
- 5A, 277V AC/DC 6 and 7 Contact screw terminal
- 5A, 150V AC/DC 9 Contact crimp contacts
- 5A, 50V AC/DC 12 Contact crimp and solder contacts
- 1A, 50V AC/DC 25 Contact crimp and solder contacts
- Plug or socket contact connection in each body style
- Compact design
- Diameter over coupling ring 38mm
- Sealing caps available to maintain IP68 rating of unmated connectors
- 7 body styles - flex cable, inline cable, panel mount (front), panel mount (rear), PCB mount, bulkhead and flange mount
- Leading earth contact for 3 Contact version
- Positive locating keyways - cannot be mis-connected
- Easy assembly - no special tools required on screw terminal versions
- Cable range from 3.5mm - 9mm
- VDE and cULus approvals

Flex Cable Connector



PXV0731/S

- Average PCF reduction of 8.6 kg CO₂e per 100 units
- Mates with Inline or Panel/Flange Mounting Versions
- Screw Locking Ring
- Plug or Socket Versions
- Contacts 2, 3, 4, 6, 7, 9, 12, 25
- Standard Cable Acceptance (2 to 9 Contact) 6-8mm, 3.5-9mm with alternative glands - See page 28



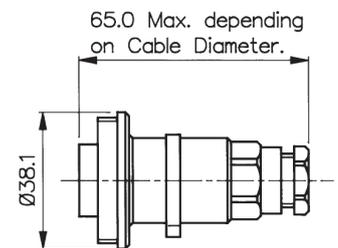
Contacts	Termination	Plug Contacts	Socket Contacts	Contacts
2	Screw	PXV0736/P	PXV0736/S	Supplied Fitted
3	Screw	PXV0731/P	PXV0731/S	Supplied Fitted
3	Crimp	PXV0776/P	PXV0776/S	Supplied Loose
4	Screw	PXV0748/P	PXV0748/S	Supplied Fitted
6	Screw	PXV0739/P	PXV0739/S	Supplied Fitted
7	Screw	PXV0745/P	PXV0745/S	Supplied Fitted
9	Crimp	PXV0728/P	PXV0728/S	Supplied Loose
12	Crimp/Solder	PXV0794/P	PXV0794/S	Order Separately (SA3348/SA3347)
25	Crimp/Solder	PXV0820/P	PXV0820/S	Order Separately (SA3180/SA3179)

Inline Cable Connector



PXV0737/S

- Average PCF reduction of 4.9 kg CO₂e per 100 units
- Mates with Flex Cable Connector
- Plug or Socket Versions
- Contacts 2, 3, 4, 6, 7, 9, 12, 25
- Standard Cable Acceptance (2 to 9 Contact) 6-8mm, 3.5-9mm with alternative glands - See page 28



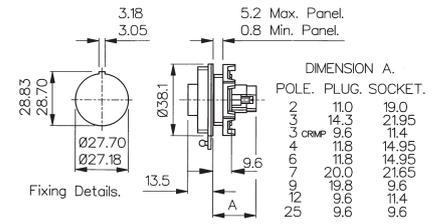
Contacts	Termination	Plug Contacts	Socket Contacts	Contacts
2	Screw	PXV0737/P	PXV0737/S	Supplied Fitted
3	Screw	PXV0732/P	PXV0732/S	Supplied Fitted
3	Crimp	PXV0778/P	PXV0778/S	Supplied Loose
4	Screw	PXV0749/P	PXV0749/S	Supplied Fitted
6	Screw	PXV0740/P	PXV0740/S	Supplied Fitted
7	Screw	PXV0746/P	PXV0746/S	Supplied Fitted
9	Crimp	PXV0729/P	PXV0729/S	Supplied Loose
12	Crimp/Solder	PXV0795/P	PXV0795/S	Order Separately (SA3348/SA3347)
25	Crimp/Solder	PXV0821/P	PXV0821/S	Order Separately (SA3180/SA3179)

Front Panel Mounting Connector



PXV0735/S

- Average PCF reduction of 4.4 kg CO₂e per 100 units
- Mates with Flex Cable Connector
- Single Hole Fixing
- Plug or Socket Versions
- Contacts 2, 3, 4, 6, 7, 9, 12, 25



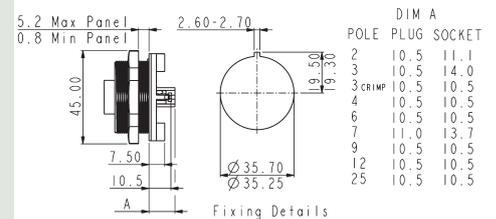
Contacts	Termination	Plug Contacts	Socket Contacts	Contacts
2	Screw	PXV0735/P	PXV0735/S	Supplied Fitted
3	Screw	PXV0730/P	PXV0730/S	Supplied Fitted
3	Crimp	PXV0779/P	PXV0779/S	Supplied Loose
4	Screw	PXV0747/P	PXV0747/S	Supplied Fitted
6	Screw	PXV0738/P	PXV0738/S	Supplied Fitted
7	Screw	PXV0744/P	PXV0744/S	Supplied Fitted
9	Crimp	PXV0727/P	PXV0727/S	Supplied Loose
12	Crimp/Solder	PXV0796/P	PXV0796/S	Order Separately (SA3348/SA3347)
25	Crimp/Solder	PXV0822/P	PXV0822/S	Order Separately (SA3180/SA3179)

Rear Panel Mounting Connector



PXV0709/S/02

- Average PCF reduction of 8.9 kg CO₂e per 100 units
- Mates with Flex Cable Connector
- Single Hole Fixing
- Plug or Socket Versions
- Contacts 2, 3, 4, 6, 7, 9, 12 or 25



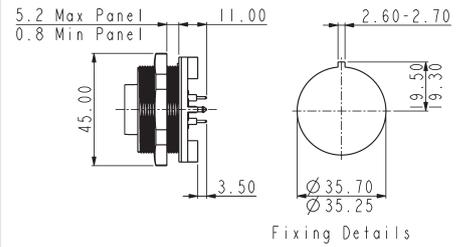
Contacts	Termination	Plug Contacts	Socket Contacts	Contacts
2	Screw	PXV0709/P/02	PXV0709/S/02	Supplied Fitted
3	Screw	PXV0709/P/03	PXV0709/S/03	Supplied Fitted
3	Crimp	PXV0708/P/03	PXV0708/S/03	Supplied Loose
4	Screw	PXV0709/P/04	PXV0709/S/04	Supplied Fitted
6	Screw	PXV0709/P/06	PXV0709/S/06	Supplied Fitted
7	Screw	PXV0709/P/07	PXV0709/S/07	Supplied Fitted
9	Crimp	PXV0708/P/09	PXV0708/S/09	Supplied Loose
12	Crimp/Solder	PXV0708/P/12	PXV0708/S/12	Order Separately (SA3348/SA3347)
25	Crimp/Solder	PXV0708/P/25	PXV0708/S/25	Order Separately (SA3180/SA3179)

Rear PCB Mounting Connector



PXV0707/S/09

- Average PCF reduction of 8.9 kg CO₂e per 100 units
- Mates with Flex Cable connector
- No. Contacts: 3, 4, 6, 9, 12 or 25
- Plug or socket versions
- Pre-loaded Gold Plated contacts



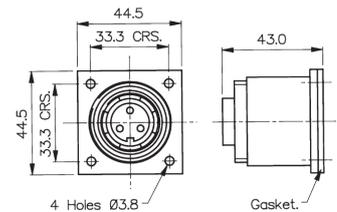
Contacts	Termination	Plug Contacts	Socket Contacts	Contacts
3	PCB	PXV0707/P/03	PXV0707/S/03	Supplied Fitted
4	PCB	PXV0707/P/04	PXV0707/S/04	Supplied Fitted
6	PCB	PXV0707/P/06	PXV0707/S/06	Supplied Fitted
9	PCB	PXV0707/P/09	PXV0707/S/09	Supplied Fitted
12	PCB	PXV0707/P/12	PXV0707/S/12	Supplied Fitted
25	PCB	PXV0707/P/25	PXV0707/S/25	Supplied Fitted

Bulkhead Flange Mounting Connector



PXV0757/S

- Average PCF reduction of 5.9 kg CO₂e per 100 units
- Mates with Flex Cable Connector
- Plug or Socket Versions
- Contacts 2, 3, 4, 6, 7, 9, 12, 25
- Supplied with sealing gasket and screw sealing grommets



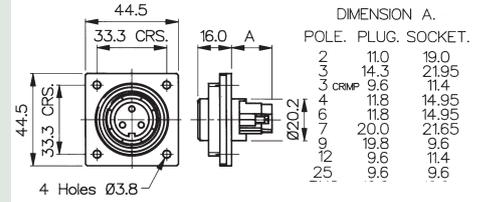
Contacts	Termination	Plug Contacts	Socket Contacts	Contacts
2	Screw	PXV0757/P	PXV0757/S	Supplied Fitted
3	Screw	PXV0756/P	PXV0756/S	Supplied Fitted
3	Crimp	PXV0787/P	PXV0787/S	Supplied Loose
4	Screw	PXV0761/P	PXV0761/S	Supplied Fitted
6	Screw	PXV0758/P	PXV0758/S	Supplied Fitted
7	Screw	PXV0760/P	PXV0760/S	Supplied Fitted
9	Crimp	PXV0762/P	PXV0762/S	Supplied Loose
12	Crimp/Solder	PXV0798/P	PXV0798/S	Order Separately (SA3348/SA3347)
25	Crimp/Solder	PXV0823/P	PXV0823/S	Order Separately (SA3180/SA3179)

Low Profile Flange Mounting Connector



PXV0764/S

- Average PCF reduction of 2.6 kg CO₂e per 100 units
- Screw Flange Fixing
- Plug or Socket Versions
- Contacts 2, 3, 4, 6, 7, 9, 12, 25
- Mates with Flex Cable Connector
- Supplied with sealing gasket and screw sealing grommets



Contacts	Termination	Plug Contacts	Socket Contacts	Contacts
2	Screw	PXV0764/P	PXV0764/S	Supplied Fitted
3	Screw	PXV0765/P	PXV0765/S	Supplied Fitted
3	Crimp	PXV0781/P	PXV0781/S	Supplied Loose
4	Screw	PXV0766/P	PXV0766/S	Supplied Fitted
6	Screw	PXV0767/P	PXV0767/S	Supplied Fitted
7	Screw	PXV0768/P	PXV0768/S	Supplied Fitted
9	Crimp	PXV0769/P	PXV0769/S	Supplied Loose
12	Crimp/Solder	PXV0797/P	PXV0797/S	Order Separately (SA3348/SA3347)
25	Crimp/Solder	PXV0824/P	PXV0824/S	Order Separately (SA3180/SA3179)

Contacts for 12 and 25 Contact Inserts



12 and 25 way contacts

- Crimp or Solder Plugs and Sockets
- Gold Plated
- Current ratings:
12 way: 5A, 50V
25 way: 1A, 50V

Contacts - Solder & Crimp for 12 and 25 Contact

Contacts (for 12 Contact) (Supplied in packs of 10)	Solder	Crimp
Plugs	SA3348/1	SA3348
Sockets	SA3347/1	SA3347
Contacts (for 25 Contact) (Supplied in packs of 10)	Solder	Crimp
Plugs	SA3180/1	SA3180
Sockets	SA3179/1	SA3179

Assembly Tools



14025 and 13027

- Crimp Tools for 3, 9, 12 and 25 Contact crimp contacts
- Insertion/Extraction Tool for 3, 12, & 25 Contacts

Tools

Crimp Tool (25 Contact)	PNo. 14025/1AMP
Crimp Tool (12 Contact)	PNo. 14025
Positioner (12 Contact)	PNo. 14025/5AMP
Crimp Tool (9 Contact)	PNo. 13826
Crimp Tool (3 Contact)	PNo. 14232
3 Contact positioner	PNo. 14232/1
Insertion/Extraction Tool (25 Contact)	PNo. 13027
Insertion/Extraction Tool (12 Contact)	PNo. 13027/1
Insertion/Extraction Tool (3 Contact)	PNo. 13027/3

Cable Glands



12023/1, 12023/2 & SA3253

- Pack of alternative cable glands to suit cables from 3.5 to 9mm dia.

Cable Acceptance - Alternatives

Gland Diameter	Gland Part No.	Gland Colour	Additional Suffix
6-8mm	12023	Black	Standard for 2-12 Contact
3.5-5mm	SA3426	Grey	Suffix /04†
5-7mm	12023/1	White	Suffix /05
7-9mm	12023/2	Yellow	Suffix /07*
Gland Pack	SA3253	Pack of 3 glands to suit cables 3.5-5mm, 5-7mm & 7-9mm dia†	

*Note: 7-9mm gland standard for 25 way, no suffix required.
†Includes additional black gland cage for 3.5-5mm dia. cable range.

To order connector with alternative cable gland add suffix to part no. e.g. PXV0731/P/07 = PXV0731 3 Plug connector with cable gland to suit 7-9mm dia. cable.

Cable Acceptance - Standard as supplied

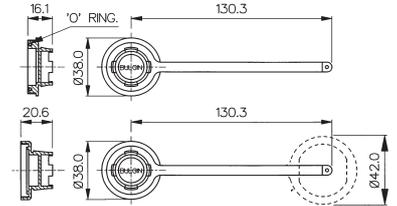
No. Contacts	Cable Diameter or Type
2-12 Contact	6-8mm
25 Contact	7-9mm

Sealing Cap and Assembling Tool



PXV0734 & PXV0733

- Average PCF reduction of 1.5 kg CO₂e per 100 units
- Maintains IP68 Rating of Unmated Connectors
- Can be used to remove Inserts
- PXV0734 for Flex Cable Connector
- PXV0733 for Inline, Front Panel, Bulkhead and Flange mount connectors
- PXV0711 for PCB and Rear Panel Mount connectors

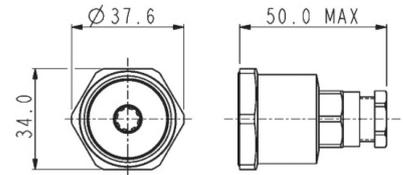


Rear of Panel Back Shell



PXV0799

- PCF reduction of 8.9 kg CO₂e per 100 units
- Provides environmental seal to rear of panel
- Standard cable acceptance 6-8mm, 3.5 to 9mm with alternative glands
- For use on front panel mounting connectors
- Replaces mounting nut in panel connector

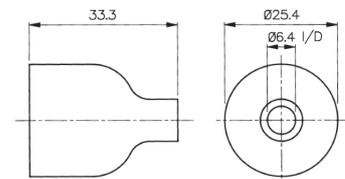


PVC Insulation Boot



12855

- Shock protection for rear of connector
- Flammability Rating UL94V-0
- Fits Front Panel Mount Versions only

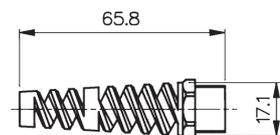


Cable Support Accessory



12237/R

- PCF reduction of 3.3 kg CO₂e per 100 units
- Gives extra support to the cable
- Suitable for 5-7mm and 7-9mm Cable Diameters



PXV0XXX	X	XX
Body Styles	Contacts Type	Cable Acceptance or PCB/Rear Panel Mounting
PXV0707	P = Plug	Flex Cable and Inline Connectors cable acceptance use:
PXV0708	S = Socket	Blank = 6-8mm (Black) standard for 2-12 Contact
PXV0709		
PXV0727		04 = 3.5-5mm (Grey)
PXV0728		05 = 5-7mm (White)
PXV0729		07 = 7-9mm (Yellow)
PXV0730		(standard for 25 way, no suffix required)
PXV0731		
PXV0732		PCB (PX0707) and Rear Panel Mount connectors
PXV0735		(PX0708 and PX0709) use:
PXV0736		02 = 2 Contact
PXV0737		03 = 3 Contact
PXV0738		04 = 4 Contact
PXV0739		06 = 6 Contact
PXV0740		07 = 7 Contact
PXV0744		09 = 9 Contact
PXV0745		12 = 12 Contact
PXV0746		25 = 25 Contact
PXV0747		Front Panel, Bulkhead and Flange Mount - not required
PXV0748		
PXV0749		
PXV0756		
PXV0757		
PXV0758		
PXV0760		
PXV0761		
PXV0762		
PXV0764		
PXV0765		
PXV0766		
PXV0767		
PXV0768		
PXV0769		
PXV0776		
PXV0778		
PXV0779		
PXV0781		
PXV0787		
PXV0794		
PXV0795		
PXV0796		
PXV0797		
PXV0798		

Examples:

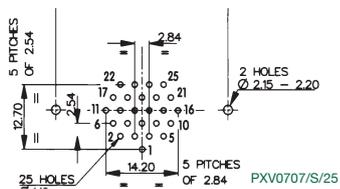
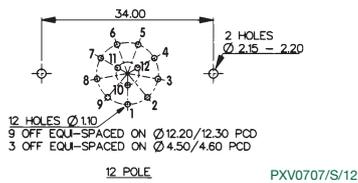
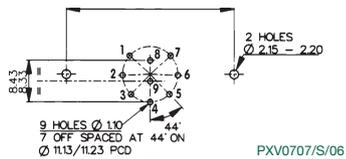
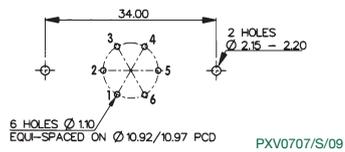
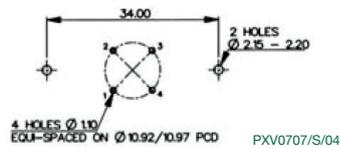
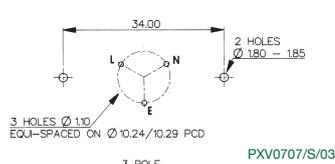
PXV0707/P/06= PCB Panel connector, Plug contacts, 6 Contact
 PXV0731/S = Flex Cable connector, socket contacts, 3 Contact
 PXV0732/P/07 = Inline Cable connector, Plug contacts, 3 Contact, 7-9mm cable acceptance

PXV0XXX	X	XX
Body Styles .. continued	Contacts Type	Cable Acceptance or PCB/Rear Panel Mounting
PXV0820		
PXV0821		
PXV0822		
PXV0823		
PXV0824		

PCB Layouts

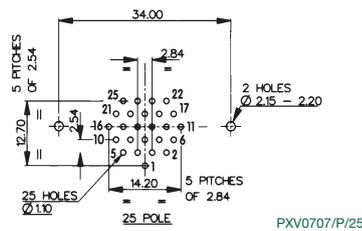
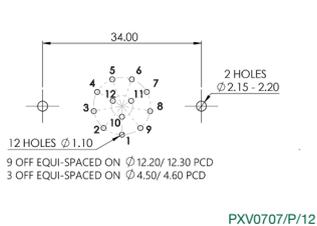
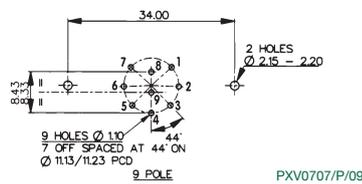
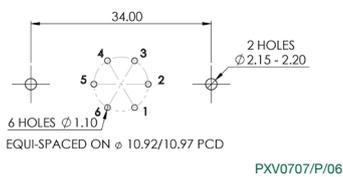
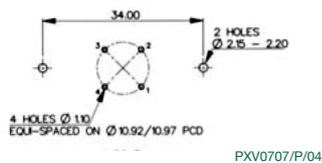
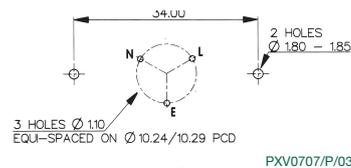
Sockets

Contact Nos viewed from rear of panel



Plugs

Contact Nos viewed from rear of panel



Electrical:

No. Contacts:	2, 3	4	6, 7	9	12	25
Current Rating:						
VDE	12A	10A	5A	5A	5A	1A
UL	12A	10A	5A	5A	5A	1A
Voltage Rating (AC/DC):	277V	277V	277V	150V	50V	50V
Contact Resistance:	<10mΩ (2-9 Contact)					
	<5mΩ (12 Contact)					
	<5mΩ (25 Contact)					
Insulation Resistance:	>10 ⁴ MΩ @ 500V DC (2-9 Contact)					
AC Breakdown voltage:	4kV Contact - Contact (2-9 Contact)					
	6kV Contacts - Panel (Low Profile Flange and Panel Types – 2-9 Contact)					
	7.5kV Contacts - Panel (Other Types – 2-9 Contact)					
Operating Temp. Range:	-20°C to +70°C					
Approvals:						
 UL (Underwriters Laboratories)	E93288 and E337507					
 VDE (Verband der Elektrotechnik)	40023148					

Material:

Body Mouldings:	Glass Filled Polyamide UL94HB
Inserts (2-25 Contact):	Polyamide UL94V-0
PXV0707	Polyamide UL94V-0
PXV0708	Polyamide UL94V-0
PXV0709	Polyamide UL94V-0
Contacts:	
Screw Terminal:	Brass, Nickel Plated
Crimp (9 Contact):	Copper Alloy, Tin Plated
Crimp/Solder (12+25 Contact):	Copper Alloy, Gold Plated (0.1µm on Nickel)

 Compliant

Mechanical:

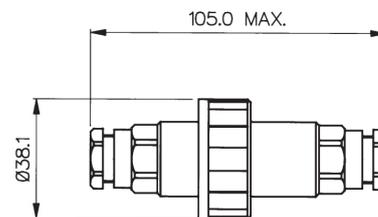
Sealing:	IP69K, Tested in accordance with BS ISO 20653:2023
	IP68, EN 60529:1992+A2:2013 Tested @ 1.054kg/sq.cm. (15lb/sq.in.) 10m depth for 2 weeks.
	EN 60529:1992 +A2:2013 Tested @ 9.84kg/sq.cm. (140lb/sq.in.) 100m depth for 12 hours.
Salt Mist:	EN 60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
Cable Acceptance:	
2-12 Contact - standard gland:	6-8mm dia
2-12 Contact - alternative glands:	3.5-9mm dia
25 Contact - standard gland:	7-9mm dia
25 Contact - alternative glands:	3.5-7mm dia
Contact Accommodation:	
2 and 3 Contact screw terminals:	2.5-4mm ² (12-14AWG)
3 Contact crimp:	1-1.5mm ² (16-17AWG)
4, 6 and 7 Contact:	1-1.5mm ² (16-17AWG)
9 Contact:	0.14-0.25mm ² (24-26AWG)
12 Contact:	0.25-0.34mm ² (22-24AWG)
25 Contact:	0.14-0.25mm ² (24-26AWG)
Terminations:	
2-7 Contact:	Screw Terminals
3 Contact:	Screw Terminals & Crimp Contacts
9 Contact:	Crimp Contacts
12 Contact:	Crimp & Solder Contacts
25 Contact:	Crimp & Solder Contacts
Tightening Torques:	
Flex Mounting/Inline:	Gland Nut: 1.13Nm (10lbf.in.)
Panel Mounting:	Rear Fixing Nut: 1.7Nm (15lbf.in.) Front Fixing Nut: 1.4Nm (12.4lbf.in.)
Bulkhead and Low Profile Flange Mounting:	4 x M3 Countersunk Head Fixing Screws (using washers supplied) 0.34Nm (3lbf.in.)
Sealings Caps/Locking Ring:	1.13Nm (10lbf.in.)
Rear thread, Front Panel Connector:	M27 x 1.0-6H
Thread, Rear Panel Connector:	M35 x 1.0-6H

Cable Joiner



PXV0777

- Average PCF reduction of 7.8 kg CO₂e per 100 units
- IP68 & IP69K Rating for Sealed Inline Connections
- Standard Cable Acceptance 6-8mm
- Cable Range 3.5-9mm (using alternative glands)
- Supplied with 3, 4, 6 or 8-way terminal block



Specifications

PXV0777

PXV0777/4POLE, 6POLE, 8POLE

POLE Configurations

Rating:	16A, 250V AC	10A, 250V AC	
Wire Termination:	3 way Terminal Block	4, 6, 8 way Terminal Block	
Conductor Accommodation:	2.5mm ² max (14AWG)	1.5mm ² max (16AWG)	
Cable Acceptance:	6-8mm dia alternative glands available on request	6-8mm dia alternative glands available on request	
Material:	Glass Filled Polyamide UL94-V0	Glass Filled Polyamide UL94-V0	
Sealing:	IP68 to BS EN 60529 : 1992 1.054kg/sq.cm. (15lbs/sq.in.) 10m depth for 2 weeks	IP68 to BS EN 60529 : 1992 1.054kg/sq.cm. (15lbs/sq.in.) 10m depth for 2 weeks	
Salt Mist	IP69K to DIN 40050-9	IP69K to BS ISO 20653:2023	
Operating Temp. Range:	-20°C to +70°C	-20°C to +70°C	
Colour:	Black	Black	
RoHS	Compliant	Compliant	

Examples

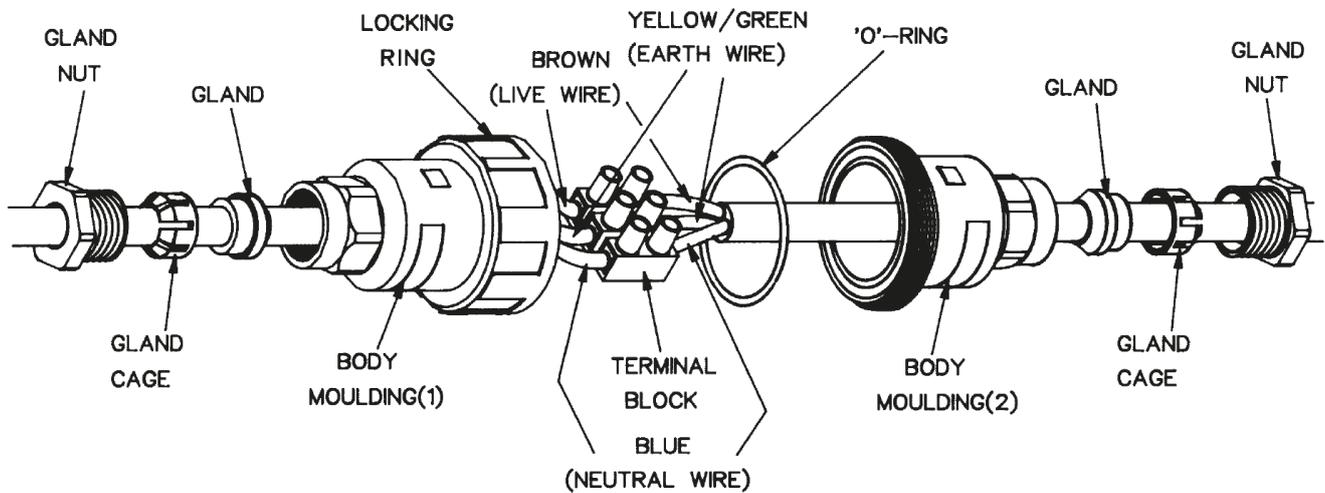
PXV0777 – 3 Contact 6-8mm Black.

PXV0777/04 – 3 Contact 3.5-5.0mm Black.

PXV0777/4POLE – 4 Contact 6-8mm Black.

PXV0777/6POLE/04 – 6 Contact 3.5-5.0mm Black.

PXV0777	XPOLE	XX
Part No	Blank = 3 Contact	Blank = 6-8mm
	4POLE = 4 Contact	04 = 3.5-5mm
	6POLE = 6 Contact	05 = 5-7mm
	8POLE = 8 Contact	07 = 7-9mm



1. Strip wires to dimensions shown.
2. Assemble components parts onto cable as shown, then connect wires to terminal block.

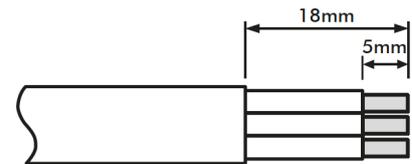
ENSURE WIRES CONNECTED INTO ONE SIDE OF TERMINAL BLOCK MATCH WIRES CONNECTED INTO THE OTHER SIDE.

i.e. Brown to Brown (Live)
 Blue to Blue (Neutral)
 Green/Yellow to Green/Yellow (Earth)

3. Bring the two body mouldings together ensuring the 'O' ring is correctly located in groove then lock together with locking ring, ensure ring is fully tightened.

Put gland cage over gland and push fully home into its appropriate body then fully tighten gland nuts.

4. To ensure a good seal, all surfaces must be completely free of dust, grease or any other contamination.



Wire stripping details

THIS CABLE CONNECTOR IS SUITABLE FOR USE WITH LOADS NOT EXCEEDING 16 AMPS USING 1.5mm² CABLE

ALWAYS USE WITH SUPPLY PROTECTED BY AN RCD (RESIDUAL CURRENT DEVICE), IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN.

DANGER

DISCONNECT MAINS
 SUPPLY BEFORE
 DISMANTLING
 CONNECTOR



The **Mini Buccaneer** range is a series of miniature connectors, ideal for tight spaces. The series offers a modular design, allowing assembly with various casings, inserts, and contacts. Engineered to withstand hard environments, providing excellent resistance to dust and moisture (IP ratings) when mated. The Mini Buccaneer's compact design makes it suitable for industries such as telecommunications, medical devices, and industrial automation. These connectors deliver reliable power up to 250V at 10A and feature a secure screw thread locking mechanism. They are easy to assemble without the need for special tooling. The Mini Buccaneer has a flammability rating of UL94V-0 and positive locating keyway to prevent mis-mating. They are constructed from tough UL94 V-0 materials.

Features and Benefits:

- 1) Waterproof and Dustproof (IP68) when mated:** Ensures reliable connections in harsh environments by protecting against water and dust ingress, tested at 10m depth for 2 weeks.
- 2) Versatile Contact Options:** Offers 2, 3, 4, or 6-contact screw terminal inserts and 3 or 8-contact solder/crimp inserts, catering to various power and signal requirements. Also has BNC options.
- 3) Multiple Body Styles:** Available in flex, inline, panel (two styles), and panel side entry options, providing flexibility in mounting and cable routing.
- 4) Wide Range of Cable Acceptance:** Accommodates cables ranging from 3.5mm to 9mm in diameter, providing compatibility with different cable sizes.
- 5) Positive Locating Keyways:** Prevents mis-mating, ensuring correct and reliable connections.
- 6) Sealing Caps:** Maintain the IP68 rating when connectors are unmated, protecting against environmental factors.
- 7) Leading Earth Plug:** Enhances safety with a leading earth contact on 3, 4, and 6-contact screw terminal versions, providing grounding before power connection.
- 8) Compact Design:** Offers a small form factor (26mm diameter over coupling ring) suitable for applications with limited space.
- 9) Easy Assembly:** Screw terminal versions require no special tools, simplifying installation.
- 10) Durable Materials and Approvals:** Constructed with UL94V-0 rated materials for flammability resistance and carries UL approval, ensuring safety and reliability. Also offers salt mist resistance.

// Mini Buccaneer Range:

Parts of the Mini Buccaneer Range:

Connector Casings: (*supplied without contacts & inserts)

- Flex Cable Connector Casing (PX0800)
- Inline Cable Connector Casing (PX0801)
- Rear Panel Mounting Casing (PX0802)
- Panel Mounting Right Angle Casing (PX0803)
- Rear Panel Mounting Casing (PX0804 and PX0805 - with/without sealing cap retaining clip)

Contact Separate Inserts:

- Screw Terminal Separate Inserts (2, 3, 4, or 6 Contacts) - Plugs and Sockets
- Solder or Crimp Contact Carrier Separate Inserts (3 or 8 Contacts) - Plugs and Sockets
- BNC Inserts (50Ω or 75Ω)

Contacts:

- Solder Contacts
- Crimp Contacts

Accessories:

- Sealing Caps (PX0810 for panel mount, PX0811 for flex/inline)
- Cable Glands (for various cable diameters: 3.5-5mm, 5-7mm, 6-8mm, 7-9mm)
- Polarizing/Blanking Plugs (for solder/crimp contact inserts)
- Contact Insertion Tool (for solder/crimp contacts)
- Crimping Tool (for crimp contacts)



PX0800



PX0801



PX0802



PX0803



PX0804
PX0805

**Casings are sold without inserts*



Screw Terminal Inserts



Contact Carrier Inserts



Contacts



Sealing Caps

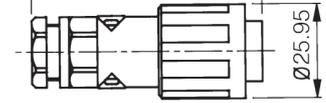
Flex Cable Connector Casing



PX0800 - shown with insert

- PX0800 Connector body
- Mates with Inline or Panel Mounting versions
- Screw locking ring
- Suitable for Plug or Socket inserts
- Cable Acceptance 3.5-9mm (Standard 5-7mm)
- Contact inserts supplied separately

61.5 Max. Depending on Cable Dia. / Pin or Socket Carrier.



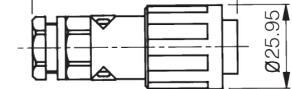
Inline Cable Connector Casing



PX0801 - shown with insert

- PX0801 Connector body
- Mates with PX0800 - Flex Cable connector
- Suitable for Plug or Socket inserts
- Cable Acceptance 3.5-9mm (Standard 5-7mm)
- Contact inserts supplied separately

61.5 Max. Depending on Cable Dia. / Pin or Socket Carrier.



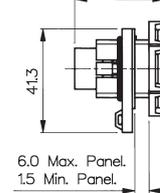
Rear Panel Mounting Casing



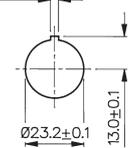
PX0802 - shown with insert

- PX0802 Connector body
- Mates with PX0800 - Flex Cable connector
- Single hole fixing
- Suitable for Plug or Socket inserts
- Contact inserts supplied separately

37.0 Max. Depending on Pin or Socket Carrier.



3.2^{±0.1}



Fixing Details.

Panel Mounting Right Angle Casing

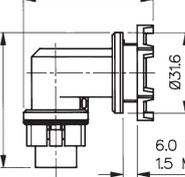


PX0803 - shown with insert

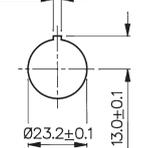
- PX0803 Connector body
- Mates with PX0800 - Flex Cable connector
- Right angle cable entry
- Single hole fixing
- Suitable for Plug or Socket inserts
- Contact inserts supplied separately

53.4 Max. Depending on Panel Thickness.

53.4 Max. Depending on Socket or Pin Carrier.



3.2^{±0.1}



Fixing Details.

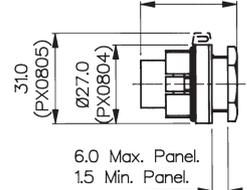
Rear Panel Mounting Casing



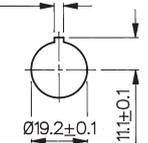
PX0805 - shown with insert

- PX0804 and PX0805 Connector bodies
- Mates with PX0800 - Flex Cable connector
- PX0804 without sealing cap retaining clip, PX0805 with sealing cap retaining clip
- Single hole fixing
- Suitable for Plug or Socket inserts
- Contact inserts supplied separately

32.8 Max. Depending on Pin or Socket Carrier.



3.2^{±0.1}



Fixing Details.

Screw Terminal Inserts



- 2, 3, 4 and 6 Contacts
- Fits all Body Styles
- Leading Earth Plug on 3, 4 and 6 Contact inserts
- Nickel Plated contacts

Screw Terminal Inserts - fits all body styles

No. Contacts	Sockets	Plugs
2	SA3319	SA3320
3	SA3229	SA3230
4	SA3242	SA3241
6	SA3244	SA3243

Contact Carrier Inserts



Inserts shown with contacts fitted

- For Solder or Crimp Contacts
- 3 or 8 Plug
- Fits all Body Styles
- Contacts Supplied Separately

Solder & Crimp Contact Carrier Inserts - fit all body styles.

No. Contacts	Solder	Colour	Crimp	Colour
3 Plug	12734/3/1	Black	12734/3	Grey
3 Socket	12735/3/1	Black	12735/3	Grey
8 Plug	12734/1	Black	12734	Grey
8 Socket	12735/1	Black	12735	Grey

Contacts, Polarising/Blanking Plugs



- Gold Plated contacts
- Solder or Crimp
- Polarising/Blanking Plugs

Contacts - Solder & Crimp - for contact carrier inserts

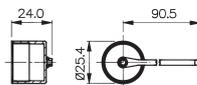
Contacts (Supplied in packs of 10)	Solder	Crimp
Plugs	SA3148/1	SA3148
Sockets	SA3149/1	SA3149
Polarising/Blanking Plugs	SA3147	
Contact Insertion Tool: Must be used to load contacts into inserts.	SA3150	
Crimping Tool	SA2800	

Sealing Caps



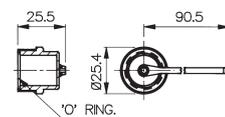
To maintain IP rating

PX0810



PX0810
Fits PX0801, PX0802, PX0803, PX0804 & PX0805. Ensure "O" Ring is in place on main body.

PX0811



PX0811
Fits PX0800. Ensure "O" Ring is in place in cap.

Electrical	Solder/Crimp Terminals	Screw Terminals	BNC
No Contacts:	3, 8	2, 3	6
Current Rating:	5A	10A	3A
Voltage Rating:	380V AC	250V AC	250V AC
Contact Resistance:	<5mΩ	4	6
Insulation Resistance:	>10 ⁹ MΩ @ 500V DC	6A	3A
Voltage Proof:	2kV @ 50Hz	250V AC	250V AC
Operating Temp. Range:	-20°C to +70°C		

Approvals:
 E214972

Materials	Solder/Crimp Terminals	Screw Terminals	BNC
Body Mouldings:	Polyamide UL94V-0	Polyamide UL94V-0	
Inserts:	Polyamide UL94V-0	Polyamide UL94V-0	
Contacts:	Copper Alloy, Gold Plated (0.1µm) on Nickel	Brass, Nickel Plated	Brass, Silver Plated.
O Rings:	Nitrile		
RoHS	Compliant	Compliant	Compliant

Mechanical	Solder/Crimp Terminals	Screw Terminals	BNC
Sealing:	Protection Classification IP68, EN 60529:1992+A2:2013 Tested @ 1.054kg/sq.cm. (15lb/sq.in.) 10m depth for 2 weeks.		
Salt Mist:	EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1		
Cable Acceptance	5-7.00mm dia - standard gland 3.5-9.00mm dia - alternative glands		
Contact Accommodation:	0.2 - 0.5mm ² (20 - 24 AWG)	1mm ² max (18 AWG)	50Ω: RG58/CU, URM43, URM76 75Ω: URM70
Insertion Force (typical):	3 way: 5N (1.1lbf) 8 way: 14N (3.1lbf)	3 way: 45N (10lbf) 4 way: 50N (11lbf) 6 way: 140N (31lbf)	
Withdrawal Force (typical):	3 way: 3N (0.66lbf) 8 way: 12N (2.6lbf)	3 way: 32N (7lbf) 4 way: 40N (9lbf) 6 way: 150N (34lbf)	
Tightening Torques			
Gland Nut, PX0800, 801:	1.13Nm (10lbf in)		
Rear Nut, PX0802, 803, 804, 805:	0.7Nm min, 1.7Nm max (6.2lbf in min, 15lbf in max)		
Sealing Cap, PX0810, 811:	0.23Nm min, 1.13Nm max (2lbf in min, 10lbf in max)		

How to order	Cable Glands																								
<input type="checkbox"/> Choose body type, check cable diameter and sealing gland size.	Cable gland for 5-7mm fitted as standard. BNC Insert Kit includes gland & washer to fit coax cable.																								
<input type="checkbox"/> Determine contact carrier inserts. Choose number of Contacts, and type of contacts (solder, crimp, screw terminal or BNC).																									
<input type="checkbox"/> Choose Plugs or sockets. Solder and crimp contacts are supplied separately in packs of ten.																									
<input type="checkbox"/> Choose polarising/blanking Plugs. If required for solder/crimp contact inserts. Supplied in packs of ten.																									
<input type="checkbox"/> Is an insertion tool required (for solder or crimp contacts)?																									
<input type="checkbox"/> Is a crimp tool required?																									
<input type="checkbox"/> Is a sealing cap required?																									
	<table border="1"> <thead> <tr> <th>Cable Diameter</th> <th>Gland Part No.</th> <th>Gland Colour</th> <th>Additional Suffix</th> </tr> </thead> <tbody> <tr> <td>5-7mm</td> <td>12023/1</td> <td>White</td> <td>Fitted as standard</td> </tr> <tr> <td>3.5-5mm</td> <td>SA3426</td> <td>Grey</td> <td>Suffix /04†</td> </tr> <tr> <td>6-8mm</td> <td>12023</td> <td>Black</td> <td>Suffix /06</td> </tr> <tr> <td>7-9mm</td> <td>12023/2</td> <td>Yellow</td> <td>Suffix /07</td> </tr> <tr> <td>Gland Pack</td> <td>PX0812</td> <td>Pack of 3 glands to suit cables 3.5-5mm, 6-8mm, 7-9mm dia†</td> <td></td> </tr> </tbody> </table>	Cable Diameter	Gland Part No.	Gland Colour	Additional Suffix	5-7mm	12023/1	White	Fitted as standard	3.5-5mm	SA3426	Grey	Suffix /04†	6-8mm	12023	Black	Suffix /06	7-9mm	12023/2	Yellow	Suffix /07	Gland Pack	PX0812	Pack of 3 glands to suit cables 3.5-5mm, 6-8mm, 7-9mm dia†	
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7-9mm	12023/2	Yellow	Suffix /07																						
Gland Pack	PX0812	Pack of 3 glands to suit cables 3.5-5mm, 6-8mm, 7-9mm dia†																							
	To order body with alternative cable gland add suffix to part no. e.g. PX0800/06 = PX0800 body with cable gland to suit 6-8mm dia. cable. †Includes additional black gland cage for 3.5-5mm dia. cable range.																								



2 Contact
(10 Amp)



3 Contact
(10 Amp)



4 Contact
(6 Amp)



6 Contact
(3 Amp)



8 Contact
(5 Amp)



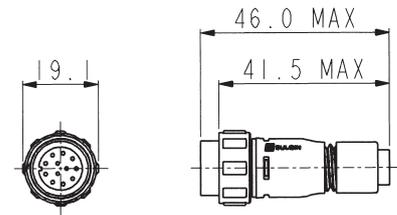
- IP68 rating tested at 1.054kg/sq cm (15lb/sq in) 10m depth for 2 weeks
- IP69K, Tested in accordance with DIN 40050/Part 9 IP6k9k
- 2 and 3 Contact - 8A, 250V rating
- 4, 6 and 8 Contact - 5A, 125V rating
- 10 and 12 Contact - 1A, 50V rating
- 2.5mm contact engagement for electrical integrity 'Scoop proof' contacts
- Contact inserts are part of body moulding
- Cable range from 3 to 7mm
- Overall length (flex + Inline) 80mm
- Gold plated contacts
- Diameter over coupling ring 19.1mm
- Pre-wired, overmoulded cable assemblies
- Flex, Inline, Front Panel, Rear Panel and PCB mounting body styles
- Plug and Socket versions in all body styles
- Flame Retardant moulding material - Polyamide UL94-V0
- Contacts supplied separately (except PCB versions)
- Sealing caps available to maintain IP68 rating
- Secure sealing system
- Crimp and solder contacts
- PCB mounting connector supplied with contacts pre-loaded
- Front and rear panel mounting panel connectors
- VDE and cULus approvals
- EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
- Smart options available with EEPROM memory chip

Flex Cable Connector



PX0410

- Mates with Inline or Panel mounting versions PX0401, PX0411, PX0412 & PX0413
- Plug or socket
- 2, 3, 4, 6, 8, 10 or 12 Contact
- Screw locking ring
- Contacts supplied separately

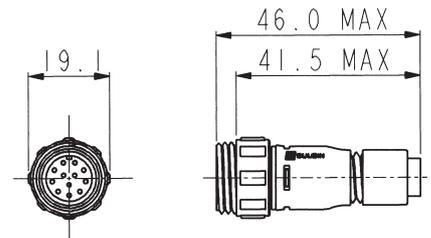


Inline Cable Connector



PX0411

- Mates with Flex Cable connectors PX0400, PX0402 & PX0410
- Plug or socket
- 2, 3, 4, 6, 8, 10 or 12 Contact
- For Inline cable connection
- Contacts supplied separately

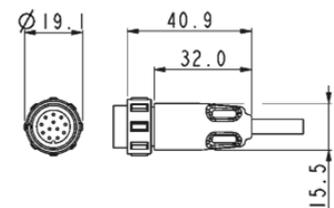


Pre Wired Flex Cable Connector



PX0400

- Overmoulded Flex connector for pre-wired cable assemblies
- Plug or socket
- Cable range 2.5 -9.0mm O/D
- 2, 3, 4, 6, 8, 10 or 12 Contact
- Mates with PX0401 & PX0411 Inline connectors and PX0412 & PX0413 panel mounting connectors

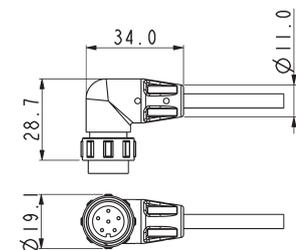


Pre Wired Flex Cable Connector



PX0402

- Right-angled overmoulded Flex connector for pre-wired cable assemblies
- Plug or socket
- Cable range 2.5 -9.0mm O/D
- 2, 3, 4, 6, 8, 10 or 12 Contact
- Mates with PX0401 & PX0411 Inline connectors and PX0412 & PX0413 panel mounting connectors

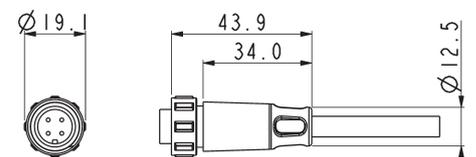


Smart Connector



PXS410

- Overmoulded pre-wired sealed connector
- 4, 6, 8, 10, 12 Contact
- Embedded memory chip through 1 wire EEPROM
- Mates with PX0401 & PX0411 Inline connectors and PX0412 & PX0413 panel mounting connectors

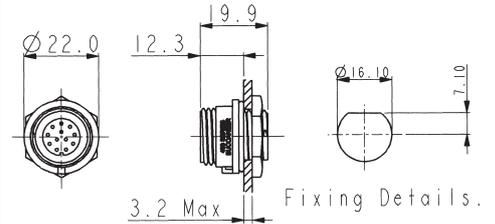


Front Panel Mounting Connector



PX0412

- Mates with Flex Cable connectors PX0410, PX0400 & PX0402
- Single hole fixing
- Contacts supplied separately
- 2, 3, 4, 6, 8, 10 or 12 Contact

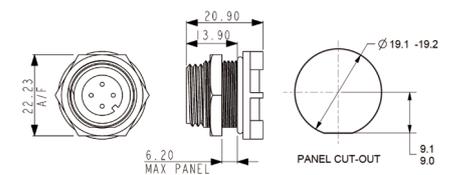


Rear Panel Mounting Connector



PX0413/XXX

- Mates with Flex Cable connector PX0410, PX0400 & PX0402
- Single hole fixing
- Contacts supplied separately
- 2, 3, 4, 6, 8, 10 or 12 Contact

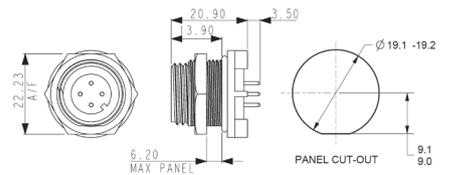


PCB Mounting Connector



PX0413/XXX/PC

- Mates with Flex Cable connector PX0410, PX0400 & PX0402
- PCB Rear Panel mounting
- Straight PC spills
- Supplied with pre-loaded gold plated contacts
- 2, 3, 4, 6, 8, 10 or 12 Contact



Sealing Caps



PX0480 PX0480/1 PX0481 PX0484

- Maintains IP68 Rating of Unmated Connectors
- PX0480: Fits PX0412 (panel mounting)
- PX0480/1: Fits PX0401 & PX0411 (Inline)
- PX0481: Fits PX0400, PX0402 & PX0410 (flex connector)
- PX0484: Fits PX0413 (PCB and rear panel mount)

Gland Packs

Part No	Description
PX0482	Pack of 4 pairs cable glands and collets to suit cables from 3.0 to 5.0mm diameter.
PX0483	Pack of 4 pairs cable glands and collets to suit cables from 5.0 to 7.0mm diameter.

Crimp Contacts

Contact	Current Rating	Plug Part No.	Socket Part No.	Pack Qty	Cable Acceptance (dia)
2, 3	8A	SA3350	SA3349	10	20 - 24 AWG
4, 6, 8	5A	SA3348	SA3347	10	22 - 26 AWG
10, 12	1A	SA3180	SA3179	10	24 - 28 AWG

Solder Contacts

Contact	Current Rating	Plug Part No.	Socket Part No.	Pack Qty	Cable Acceptance (dia)
2, 3	8A	SA3350/1	SA3349/1	10	20 - 24 AWG
4, 6, 8	5A	SA3348/1	SA3347/1	10	22 - 26 AWG
10, 12	1A	SA3180/1	SA3179/1	10	24 - 28 AWG

Insertion / Extraction

	Contacts	Contact Rating	Colour	Part No
Insertion/Extraction Tool	2,3	8A	Blue	13027/2
Insertion/Extraction Tool	4,6,8	5A	Red	13027/1
Insertion/Extraction Tool	10,12	1A	Green	13027

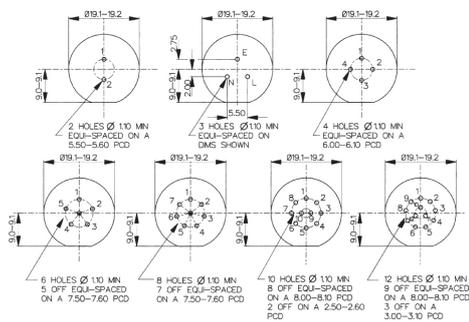
Crimp tools

	Contacts	Contact Rating	Colour	Part No
Positioner	2,3	8A	Blue	14025/8AMP
Positioner	4,6,8	5A	Red	14025/5AMP
Positioner	10,12	1A	Green	14025/1AMP
8 Indent Crimp Tool for use with positioners				14025

PX0413 PCB Contact Layout

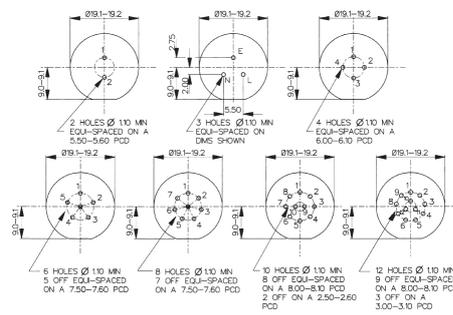
Sockets

Contact numbers viewed from rear of panel



Plugs

Contact numbers viewed from rear of panel



2 Contact (8 Amp)



3 Contact (8 Amp)



4 Contact (5 Amp)



6 Contact (5 Amp)



8 Contact (5 Amp)



10 Contact (1 Amp)



12 Contact (1 Amp)

Electrical:

No. Contacts:	2, 3	4, 6, 8	10, 12
Current Rating:	8A	5A	1A
Voltage Rating:	250V AC/DC	125V AC/DC	50V AC/DC
Contact Resistance:	<5mΩ		
Insulation Resistance:	>10 ⁶ MΩ (@ 500V DC)		
AC Breakdown voltage:	2.5kV		
Cycles:	>1000		

Operating Temperature:	
Flex and panel types	-40°C to +80°C
Overmoulded	-20°C to +60°C

Approvals:

 cULus (Underwriters Laboratory)	E214972
 VDE (Verband der Elektrotechnik)	40002226

Overmoulded cable assemblies approvals to customer requirements.

Material:

Flex and panel types:	
Body Mouldings:	Polyamide
Flammability Rating:	UL94V-0
UV Resistance:	To EN 50021:1999

Overmoulded types:	
Body Mouldings:	Polyurethane
Flammability Rating:	UL94V-HB

Contacts: Copper alloy, Gold plated

O Rings: Nitrile

Panel Sealing O Ring: Nitrile

RoHS Compliant

Smart Connector EEPROM:

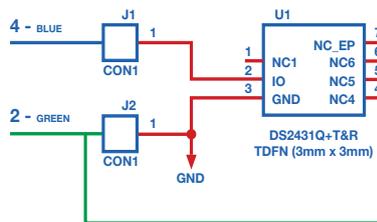
1024 - Bit Memory

1 - Wire

Can be Write Protected

Manufacturer - Maxim Intergrated

Part Number - 0S2431



Mechanical:

Sealing: IP69K, Tested in accordance with DIN 40050/Part 9 IP6k9k

IP68, EN60529:1992+A2:2013 tested @ 1.054kg/sq cm (15lb/sq in) 10m depth for 2 weeks

Salt Mist: EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1

Cable Acceptance: 3.0 - 7.0mm

Contact Accommodation: 2, 3 Contact, 20 - 24 AWG
4, 6, 8 Contact, 22 - 26 AWG
10, 12 Contact, 24 - 28 AWG

Termination: Crimp, solder and PCB

Insertion/Withdrawal Force:

No. Contacts:	2	3	4	6	8	10	12
Insertion Force (typ):	19N	25N	27N	27N	28N	55N	62N
Withdrawal Force (typ):	12N	17N	17N	21N	22N	25N	29N

Tightening Torques:

Panel mount (PX0412)	
Rear fixing nut:	1.0-1.1Nm (9lbf.in.)
Panel mount (PX0413)	
Front fixing nut:	1.0-1.1Nm (9lbf.in.)

Cable Retention force:

3.0mm dia	60N
4.0 to 7.0mm dia	80N

Rear panel thread PX0412: M16x1.5

Panel thread PX0413: 18.97x26TPI Whitworth form to BS84 med fit

Dimensions:

Overall dimensions of connectors when mated together

Flex + Inline	80mm
Dia. over coupling ring	19.1mm

Dia. over coupling ring

Plug	Wire Colour
1	Red
2	Green
3	Yellow
4	Blue
5	White
6	Black
7	Brown
8	Violet
9	Orange
10	Pink
11	Turquoise
12	Grey

Standard:

PX041X	/	XX	X	/	XXXX
Body Styles PX0410 = Flex body PX0411 = Inline body PX0412 = Front panel mounting body PX0413 = Rear panel/PCB mounting body		Number of Contacts 02 03 04 06 08 10 12	Contact Type P = Plug, S = Socket		For PX0410 and PX0411 cable connectors - Cable Entry Size: 3035 = 3.0 - 3.5mm (Light Grey) 3540 = 3.5 - 4.0mm (Grey) 4045 = 4.0 - 4.5mm (Green) 4550 = 4.5 - 5.0mm (Red) 5055 = 5.0 - 5.5mm (Yellow) 5560 = 5.5 - 6.0mm (Blue) 6065 = 6.0 - 6.5mm (White) 6570 = 6.5 - 7.0mm (Black)
Examples: PX0410/10S/4045 = Flex cable connector, 10 socket contacts with gland and collet for cables between 4.0 and 4.5mm diameter (supplied less contacts). PX0412/08P = Front panel mounting connector, 8 Plug contacts (supplied less contacts). PX0413/06P = Rear panel mounting connector, for 6 Plug contacts (supplied less contacts). PX0413/04P/PC = Rear panel/PCB connector, 4 Plug contacts, PCB mounting (supplied with contacts loaded).					Cable gland and collet supplied in colour coded pairs. For PX0413 PCB/Rear Panel Mount: PC = Pre-loaded PC Plugs Blank = no Plugs supplied For PX0412 Front Panel Mount: Suffix not required - leave blank

Pre Wired Variation:

PX040X	/	XXX	/	XX	/	X
Body Styles PX0400 = Pre Wired Flex Cable Connector PX0402 = Pre Wired Flex Cable Connector - Right angle		Length 001 = 1m 002 = 2m 003 = 3m ... 015 = 15m		Number of Contacts 02 03 04 06 08 12		Contact Type P = Plug S = Socket

Smart:

PXS410	/	XX	/	XX	/	X
Body Styles PXS410 = Flex body		Cable length 02 = 2m 03 = 3m 05 = 5m 10 = 10m		Number of Contacts 04 06 08 10 12		Contact Type P = Plug S = Socket

Examples:

PXS410/02/04/P = Smart flex cable connector, 2m cable to free end, 4 Plug contact



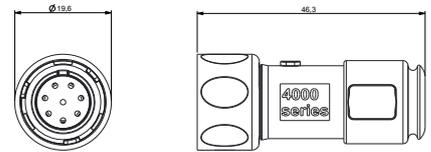
- Sealed to IP68 when mated
- IP68 rating tested at 1.054kg/sq cm (15lb/sq in) 10m depth for 2 weeks
- 2, 3, 4, 6, 8, 10 & 12 Contact configuration
- Power ratings up to 13A, 600V
- Cable acceptance range from 3 to 7mm
- Diameter over coupling ring 19.8mm
- Flex, Inline, Pre-Wired, Panel- and PCB-mounting body styles
- Colour coded O-rings & washers for easy identification purposes
- Plug and Socket versions in all body styles
- Flame Retardant moulding material - Polybutylene Terephthalate/Polycarbonate (PBT/PC) UL94-V0
- Contacts supplied separately (except pre-wired and PCB versions)
- Sealing caps available to maintain IP68 rating
- Crimp and solder contacts
- cULus and VDE approvals
- EN60068-2-64 Vibration Resistance

Flex Cable Connector



PXP4010

- Mates with Inline or Panel mounting versions PXP4001, PXP4003, PXP4011, PXP4012, PXP4013
- Plug or socket
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- ¼ turn locking ring
- Contacts supplied separately

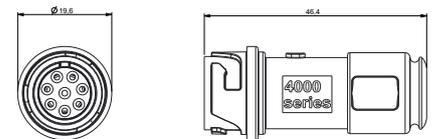


Inline Cable Connector



PXP4011

- Mates with Flex Cable connectors PXP4000, PXP4002, PXP4010
- Plug or socket
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- For inline cable connection
- Contacts supplied separately

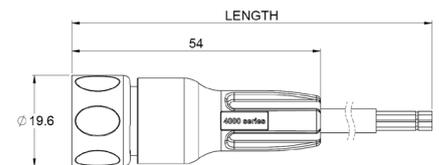


Pre-Wired Flex Cable Connector



PXP4000

- Mates with Inline or Panel mounting versions PXP4001, PXP4003, PXP4011, PXP4012, PXP4013
- Plug or socket
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- ¼ turn locking ring
- PVC Cable Jacket

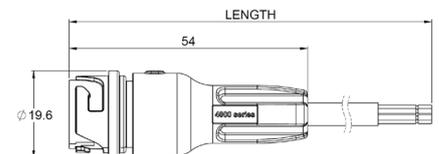


Pre-Wired Inline Cable Connector



PXP4001

- Mates with Flex versions PXP4000, PXP4002, PXP4010
- Plug or socket
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- For inline cable connection
- PVC Cable Jacket

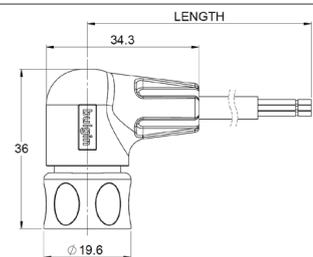


Pre-Wired Flex Cable Connector



PXP4002

- Mates with Inline or Panel mounting versions PXP4001, PXP4003, PXP4011, PXP4012, PXP4013
- Plug or socket
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- ¼ turn locking ring
- PVC Cable Jacket

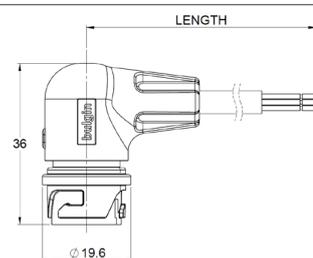


Pre-Wired Inline Cable Connector



PXP4003

- Mates with Flex versions PXP4000, PXP4002, PXP4010
- Plug or socket
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- For inline cable connection
- PVC Cable Jacket

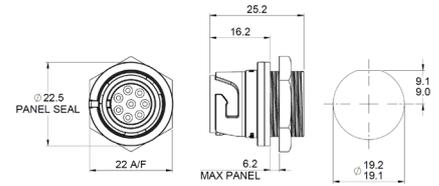


Front Panel Mounting Connector
(locking nut included)



PXP4012

- Mates with Flex Cable connectors PXP4010, PXP4000, PXP4002
- Plug or socket
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- Single hole fixing
- Contacts supplied separately

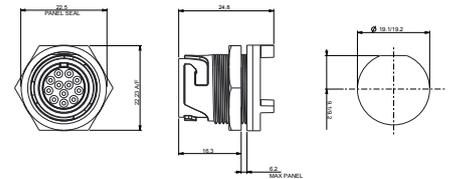


Rear Panel Mounting Connector
(locking nut included)



PXP4013

- Mates with Flex Cable connectors PXP4010, PXP4000, PXP4002
- Plug or socket
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- Single hole fixing
- Contacts supplied separately

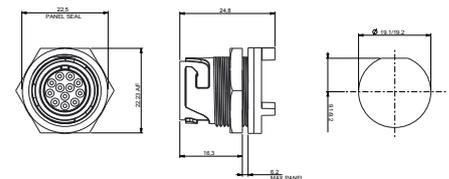


PCB Mounting Connector
(locking nut included)



PXP4013/XXX/PC

- Mates with Flex Cable connectors PXP4010, PXP4000, PXP4002
- Plug or socket
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- PCB Rear Panel mounting
- Straight PC spills
- Supplied with pre-loaded gold plated contacts



Sealing Caps



PXP4081 PXP4082 PXP4083

- Maintains IP68 sealed rating of unmated connectors

Part no.	Description
PXP4081	Sealing cap for use with PXP4010, PXP4000, PXP4002
PXP4082	Sealing cap for use with PXP4011, PXP4001, PXP4003
PXP4083	Sealing cap for use with PXP4012 & PXP4013

Gland Packs



Part no.	Description
PXP4088/0305	Pack of 4 pairs cable glands and collets to suit cables from 3.0 to 5.0mm diameter.
PXP4088/0507	Pack of 4 pairs cable glands and collets to suit cables from 5.0 to 7.0mm diameter.

O-ring & washer pack



Part no.	Description
PXP4089/YL	Yellow coloured O-ring and washer pack
PXP4089/BL	Blue coloured O-ring and washer pack
PXP4089/RD	Red coloured O-ring and washer pack
PXP4089/WH	White coloured O-ring and washer pack
PXP4089/GN	Green coloured O-ring and washer pack

BUCCANEER FOR POWER

4000 Series Buccaneer

Specifications



Crimp Contacts

Contacts	Current Rating	Plug Part No.	Socket Part No.	Pack Qty	Cable Acceptance (dia)
2, 3	13A /*10A	SA3350	SA3349	10	16 - 18 AWG
4, 6, 8	8A /*5A	SA3348	SA3347	10	18 - 20 AWG
10, 12	3A /*3A	SA3180	SA3179	10	22 - 24 AWG

Solder Contacts

Contacts	Current Rating	Plug Part No.	Socket Part No.	Pack Qty	Cable Acceptance (dia)
2, 3	13A /*10A	SA3350/1	SA3349/1	10	16 - 18 AWG
4, 6, 8	8A /*5A	SA3348/1	SA3347/1	10	18 - 20 AWG
10, 12	3A /*3A	SA3180/1	SA3179/1	10	22 - 24 AWG

Insertion / Extraction

	Contacts	Contact Rating	Colour	Part No
Insertion/Extraction Tool	2, 3	13A /*10A	Blue	13027/2
Insertion/Extraction Tool	4, 6, 8	8A /*5A	Red	13027/1
Insertion/Extraction Tool	10, 12	3A /*3A	Green	13027

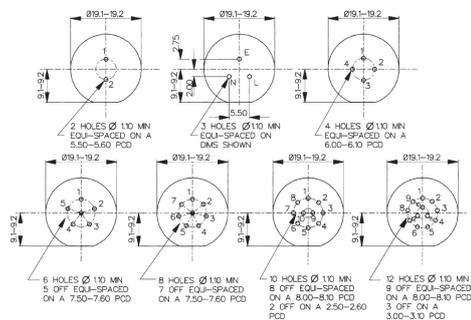
Crimp tools

	Contacts	Contact Rating	Colour	Part No
Positioner	2, 3	13A /*10A	Orange	14025/1618
Positioner	4, 6, 8	8A /*5A	Grey	14025/1820
Positioner	10, 12	3A /*3A	Yellow	14025/2224
8 Indent Crimp Tool for use with positioners				14025

PXP4013 PCB Contact Layout

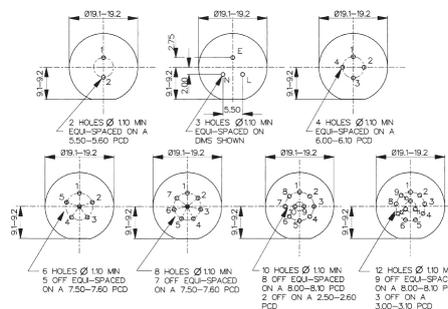
Sockets

Contact numbers viewed from rear of panel



Plugs

Contact numbers viewed from rear of panel



2 Contacts
(13 Amp)



3 Contacts
(13 Amp)



4 Contacts
(8 Amp)



6 Contacts
(8 Amp)



8 Contacts
(8 Amp)



10 Contacts
(3 Amp)



12 Contacts
(3 Amp)

BUCCANEER FOR POWER

4000 Series Buccaneer

Specifications



Electrical			
No. of Contacts:	2 & 3	4, 6 & 8	10 & 12
Current Rating UL / VDE:	13A	8A	3A
Current Rating CSA:	10A	5A	3A
Voltage Rating:	600V AC/DC	320V AC/DC	160V AC/DC
Contact Resistance:	< 5 mΩ		
Insulation Resistance:	> 10 ⁶ MΩ (@ 500V DC)		
AC Breakdown voltage:	2.5 kV		
Cycles:	> 1000		
Operating Temperature:			
Flex and panel types:	-40°C to +120°C		
Pre-wired variants:	-30°C to +120°C		
Approvals (pending for pre-wired):			
UL (Underwriters Laboratory) (including cUL)			
VDE (Verband der Elektrotechnik)			
Material			
Flex and panel types:			
Body Mouldings:	Polybutylene Terephthalate/ Polycarbonate (PBT/PC)		
Pre-Wired Types:			
Overmoulding:	Polyamide (PA)		
Cable Jackets:	Polyvinylchloride (PVC)		
Flammability Rating:			
UL94V-0			
Contacts:	Copper alloy, Gold plated		
O Rings:	Silicone		
Panel Sealing O Ring:	Silicone		
RoHS	Compliant		

Cable (prewired)			
Cores	Jacket Colour	Jacket OD (mm)	AWG (stranded)
2	Grey	6.5	18
3	Grey	6.9	18
4	Black	5.9	20
6	Black	6.8	20
8	Black	7.4	20
10	Black	7.0	24
12	Black	7.4	24

Mechanical			
Sealing:	IP68 to EN60529:1992+A2:2013 (10m depth for 2 weeks)		
Vibration:	BS EN 60068-2-64:2008 Test Fh		
Shock:	BS EN 60068-2-27:2009 Test Ea		
Cable Acceptance:	3.0 - 7.0mm		
Contact Accommodation:	2 & 3 Contacts, 16 - 18 AWG 4, 6 & 8 Contacts, *18 - 20 AWG 10 & 12 Contacts, 22 - 24 AWG <small>* Solid Core Wire Only</small>		
Termination:	Crimp, solder and PCB		
Insertion/Withdrawal Force:			
No. of Contacts:	2 & 3	4, 6 & 8	10 & 12
Insertion Force (typ):	25N	28N	32N
Withdrawal Force (typ):	12N	15N	18N
Panel mount (PXP4012, PXP4013)			
Front fixing nut:	1.0-1.1Nm (9lbf.in.)		
Cable Retention force:			
3.0mm dia	60N		
4.0 to 7.0mm dia	80N		
Pre-Wired Variant	80N		
Panel thread PXP4012 & PXP4013	18.97 x 26 TPI Whitworth form to BS84 med fit		
Dimensions			
Overall dimensions of connectors when mated together			
Flex + Inline	80mm		
Dia. over coupling ring	19.7mm		

Cable (prewired)		
Core numbers	Colour (2/3 Cores)	Colour (4+ Cores)
1	Black, white numbers	Black
2	Black, white numbers	Brown
3	Green/Yellow	Red
4	-	Orange
5	-	Yellow
6	-	Green
7	-	Blue
8	-	Violet
9	-	Grey
10	-	White
11	-	White/Black
12	-	White/Brown

Standards:

PXP40XX	XX	X	XXXX
Body Styles	Number of Contacts	Contact Type	(for PXP4010 and PXP4011 cable connectors) Cable Entry Size:
PXP4010 = Flex	02	P = Plug	3035 = 3.0 - 3.5mm (Light Grey)
PXP4011 = Inline	03	S = Socket	3540 = 3.5 - 4.0mm (Grey)
PXP4012 = Front panel mounting	04		4045 = 4.0 - 4.5mm (Green)
PXP4013 = Rear panel/PCB mounting	06		4550 = 4.5 - 5.0mm (Red)
	08		
	10		5055 = 5.0 - 5.5mm (Yellow)
	12		5560 = 5.5 - 6.0mm (Blue)
			6065 = 6.0 - 6.5mm (White)
			6570 = 6.5 - 7.0mm (Black)

Examples:

PXP4010/03S/4045 = Flex cable connector, 3 socket contacts with gland and collet for cables between 4.0 and 4.5mm diameter (supplied less contacts).
PXP4013/08P = Rear panel mounting connector, for 8 Plug contacts (supplied less contacts).
PXP4013/03P/PC = Rear panel/PCB connector, 3 Plug contacts, PCB mounting (supplied with contacts loaded).

Cable gland and collet supplied in colour coded pairs.

For PXP4013 PCB/Rear Panel Mount:
 PC = Pre-loaded PC Plugs
 Blank = no Plugs supplied

Pre-Wired Variants:

PXP400X	XXX	XX	X
Body Styles	Cable Length	Number of Contacts	Contact Type
PXP4000 = Pre-wired Flex Cable Connector	001 = 1m	02	P = Plug
PXP4001 = Pre-wired Inline Cable Connector	002 = 2m	03	S = Socket
PXP4002 = Pre-wired Flex Cable Connector Right Angle	003 = 3m	04	
PXP4003 = Pre-wired Inline Cable Connector Right Angle	005 = 5m	06	
	010 = 10m	08	
	015 = 15m	10	
		12	

Examples:

PXP4000/001/03S = Pre-wired Flex cable connector, 1m, 3 socket contacts
PXP4001/002/04S = Pre-wired Inline cable connector, 2m, 4 socket contacts
PXP4002/010/08P = Pre-wired Flex cable connector, right angle, 10m, 8 plug contacts
PXP4003/015/10P = Pre-wired Inline cable connector, right angle, 15m, 10 plug contacts