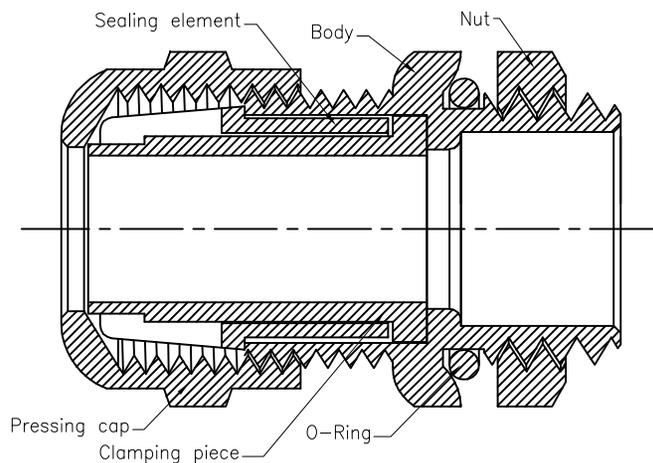
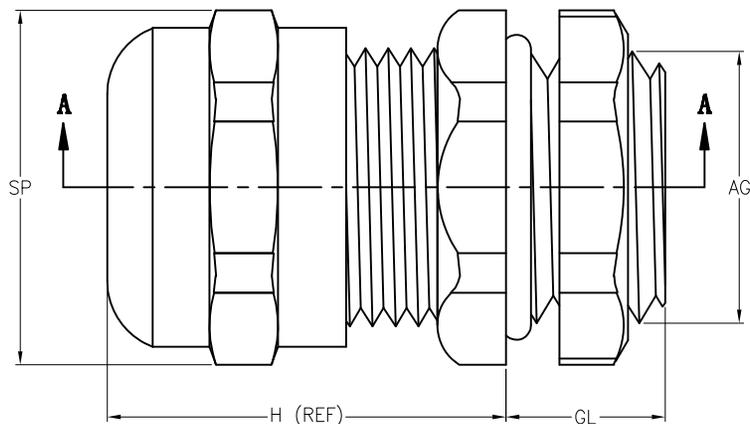


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/10/23	
A		ADDED PAGE2	6/8/23	WX/RC
B		ADDED DIM.	8/15/24	LH/NL
C		UPDATED CHART	1/10/25	SS



CG-M-MX-X CG-M-MX-2
(See Page2)

Unit: mm

ADAM P/N	Screw Item (AG)	Cable range	Screw Thread O.D	Thread Length (GL)	Joint Length (H) REF	Spanner Size (SP)
CG-M-M6-1	M6x1	1-3.5	6	5	11	8
CG-M-M8-1	M8x1	2-5.5	8	5	16	12
CG-M-M10-1	M10x1	6.5-3	10	7	19	14
CG-M-M12-1.5	M12x1.5	6.5-3	12	7	19	14
CG-M-M14-1.5	M14x1.5	8-4	14	7	19	17
CG-M-M16-1.5	M16x1.5	8-4	16	8	20	18
CG-M-M18-1.5	M18x1.5	10-5	18	8	21	20
CG-M-M20-1.5	M20x1.5	12-6	20	8	22	22
CG-M-M22-1.5	M22x1.5	14-10	22	8	23	24
CG-M-M24-1.5	M24x1.5	14-10	24	9	25	24/27
CG-M-M25A-1.5	M25x1.5	14-10	25	9	25	24/27
CG-M-M25C-1.5	M25x1.5	18-13	25	9	27	30/27
CG-M-M27-1.5	M27x1.5	18-13	27	9	27	30
CG-M-M28-1.5	M28x1.5	18-13	28	9	27	30
CG-M-M30-1.5	M30x1.5	18-13	30	9	29	30/32
CG-M-M32-1.5	M32x1.5	22-15	32	10	29	35
CG-M-M33-1.5	M33x1.5	22-15	33	10	29	35
CG-M-M36-1.5	M36x1.5	25-18	36	10	31	40
CG-M-M37-1.5	M37x1.5	25-18	37	10	31	40
CG-M-M40A-1.5	M40x1.5	25-18	40	11	31	40/45
CG-M-M40C-1.5	M40x1.5	30-22	40	11	35	40/45
CG-M-M42-1.5	M42x1.5	30-22	42	11	35	45
CG-M-M47-1.5	M47x1.5	33-25	47	11	37	50
CG-M-M48-1.5	M48x1.5	33-25	48	11	37	50/52
CG-M-M50-1.5	M50x1.5	38-32	50	12	37	57/55
CG-M-M54-1.5	M54x1.5	38-32	54	12	38	57
CG-M-M60-1.5	M60x1.5	44-37	60	13	38	64
CG-M-M63-1.5	M63x1.5	44-37	63	13	38	64/68
CG-M-M64-1.5	M64x1.5	44-37	64	13	38	64/68
CG-M-M72-1.5	M72x1.5	52-42	72	15	42	78
CG-M-M75-1.5	M75x1.5	55-45	75	15	42	78
CG-M-M80-1.5	M80x1.5	62-50	80	18	46	86/88
CG-M-M88-1.5	M88x1.5	70-60	88	18	46	98
CG-M-M100-1.5	M100x1.5	80-70	100	20	50	110

SPECIFICATIONS:

- Material:
- Body: Brass, Nickel Plated
- Contacts: Brass
- Clamping piece: PA
- Pressing cap: Brass, Nickel Plated
- Nut: Brass, Nickel Plated
- Sealing element: NBR
- O-Ring: NBR

- Mechanical:
- Applicable cable specifications for wiring: $\phi 6.5-\phi 3$ mm
- Temperature Rating: 40°C to +100°C
- Environmental:
- Waterproof: IP68
- Lead free, RoHS compliant



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.x	± .10	∅.x	± .10
.xx	± .020	∅.xx	± .015
.xxx	± .015	∅.xxx	± .010



909 Rahway Avenue,
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Fax: 908-687-5710

DRAWN	LH	5/10/23
CHECKED	RC	5/10/23
APPROVED		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH		

TITLE METRIC THREAD WATERPROOF CONNECTOR, IP68, 1 HOLE, CABLE GLAND		
SIZE X	PART NO. CG-M-MX-X	REV. C
REF: -	SCALE: NTS	SHEET 1 OF 2

6

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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

CG-M-MX-2

Unit: mm

ADAM P/N	Screw Item (Ac)	Cable range	Screw Thread	O.D	Thread Length (GL)	Joint Length (H) REF	Spanner Size (SP)
CG-M-M27-2	M27x2	18-13	27		9	27	30
CG-M-M28-2	M28x2	18-13	28		9	27	30
CG-M-M30-2	M30x2	18-13	30		9	29	30/32
CG-M-M32-2	M32x2	22-15	32		10	29	35
CG-M-M33-2	M33x2	22-15	33		10	29	35
CG-M-M36-2	M36x2	25-18	36		10	31	40
CG-M-M37-2	M37x2	25-18	37		10	31	40
CG-M-M40B-2	M40x2	25-18	40		11	31	40/45
CG-M-M40D-2	M40x2	30-22	40		11	35	40/45
CG-M-M42-2	M42x2	30-22	42		11	35	45
CG-M-M47-2	M47x2	33-25	47		11	37	50
CG-M-M48-2	M48x2	33-25	48		11	37	50/52
CG-M-M50-2	M50x2	38-32	50		12	37	57/55
CG-M-M54-2	M54x2	38-32	54		12	38	57
CG-M-M60-2	M60x2	44-37	60		13	38	64
CG-M-M63-2	M63x2	44-37	63		13	38	64/68
CG-M-M64-2	M64x2	44-37	64		13	38	64/68
CG-M-M72-2	M72x2	52-42	72		15	42	78
CG-M-M75-2	M75x2	52-42	75		15	42	78
CG-M-M80-2	M80x2	62-55	80		18	46	86/88
CG-M-M88-2	M88x2	70-65	88		18	46	98
CG-M-M90A-2	M90x2	65-70	90				
CG-M-M90B-2	M90x2	78-84	90				
CG-M-M100-2	M100x2	84-78	100		20	50	110

⚠

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	∅X	± .10
.XX	± .020	∅XX	± .015
.XXX	± .015	∅XXX	± .010

DRAWN	LH	5/10/23
CHECKED	RC	5/10/23
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TITLE
METRIC THREAD WATERPROOF CONNECTOR,
IP68, 1 HOLE, CABLE GLAND

SIZE X	PART NO. CG-M-MX-X	REV. C
REF: -	SCALE: NTS	SHEET 2 OF 2

6

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1