SAC-ASI-J-Y-B-M12FS - Distributor

1405621

https://www.phoenixcontact.com/us/products/1405621

PHŒNIX CONTACT

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AS-Interface distributor with a high degree of protection, for a branch from two flat-ribbon conductors to one straight, A-coded, 4-pos. M12 socket

Commercial data

Item number	1405621
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	AF1GFA
GTIN	4046356754941
Weight per piece (including packing)	45.62 g
Weight per piece (excluding packing)	45.1 g
Customs tariff number	85366990
Country of origin	VN

Technical data

Product properties

Product type	Network distributor box
Number of positions	4
Coding	A

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Nominal voltage U_N	≤ 32 V DC
Nominal current I_N	4 A
Transmission medium	Copper

Connection data

Connection technology

Connection method	AS-i penetration technique

Connection assignment

Contact | Color (signal designation) | Contact (optional)	1 (M12 socket) (AS-i+) | 3.1 (AS-i distributors)
	2 (M12 socket) (AUX-) | 4.2 (AS-i distributors)
	3 (M12 socket) (AS-i-) | 3.2 (AS-i distributors)
	4 (M12 socket) (AUX+) | 4.1 (AS-i distributors)
	5 (M12 socket) | N.C.

Interfaces

Bus system	AS-Interface

Signaling

Status display	no
Status display present	no

Connector

Connection 1

Type	Load center AS-i Screw locking
Number of positions	4
Locking type	Screw locking mechanism
Material	CuSn (Contact)
	Ni/Au (Contact surface)
	PBT (Contact carrier)
	PBT (Housing)
	Stainless steel (Screw connection)

Tightening torque	1.65 Nm (Locking screw)

Connection 2

Type	Socket straight M12
Number of positions	4 (5)
Material	CuSn (Contact)
	Ni/Au (Contact surface)
	TPE-U (Contact carrier)
	Zinc die-cast, nickel-plated (Screw connection)
Insertion/withdrawal cycles	≥ 100
Tightening torque	0.4 Nm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

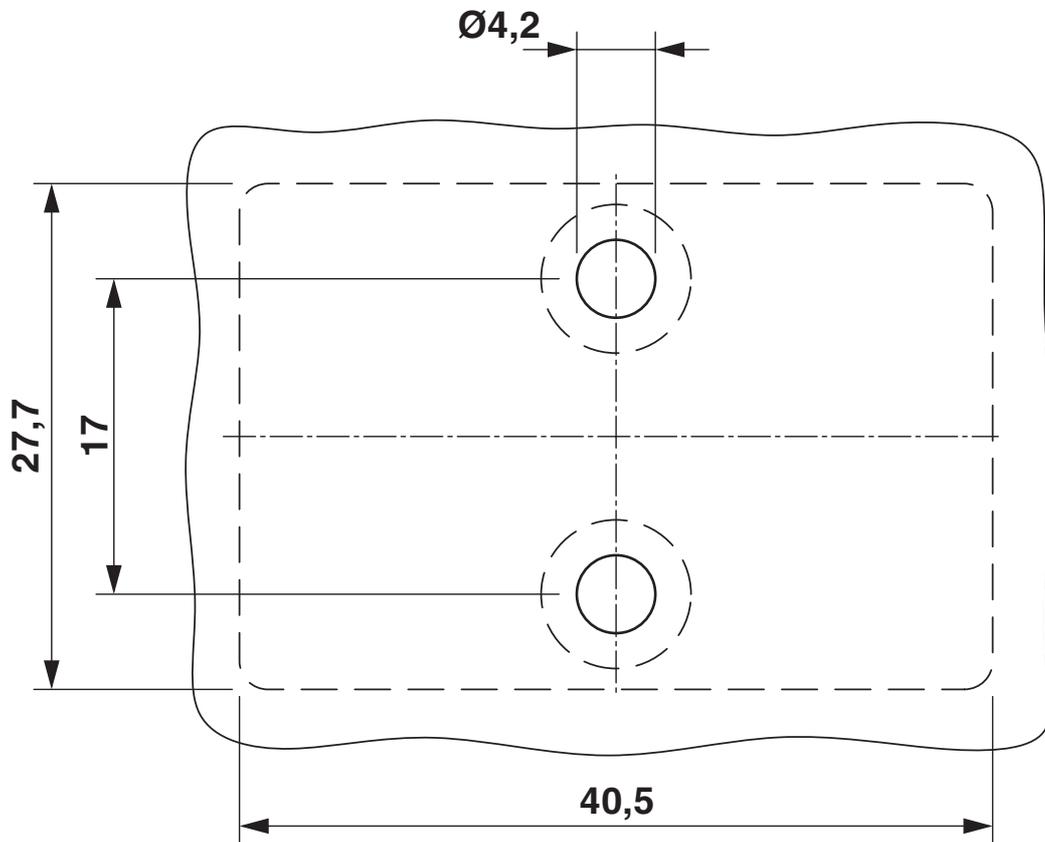# SAC-ASI-J-Y-B-M12FS - Distributor

Drawings

Dimensional drawing

34,8

22

40,5

27,7
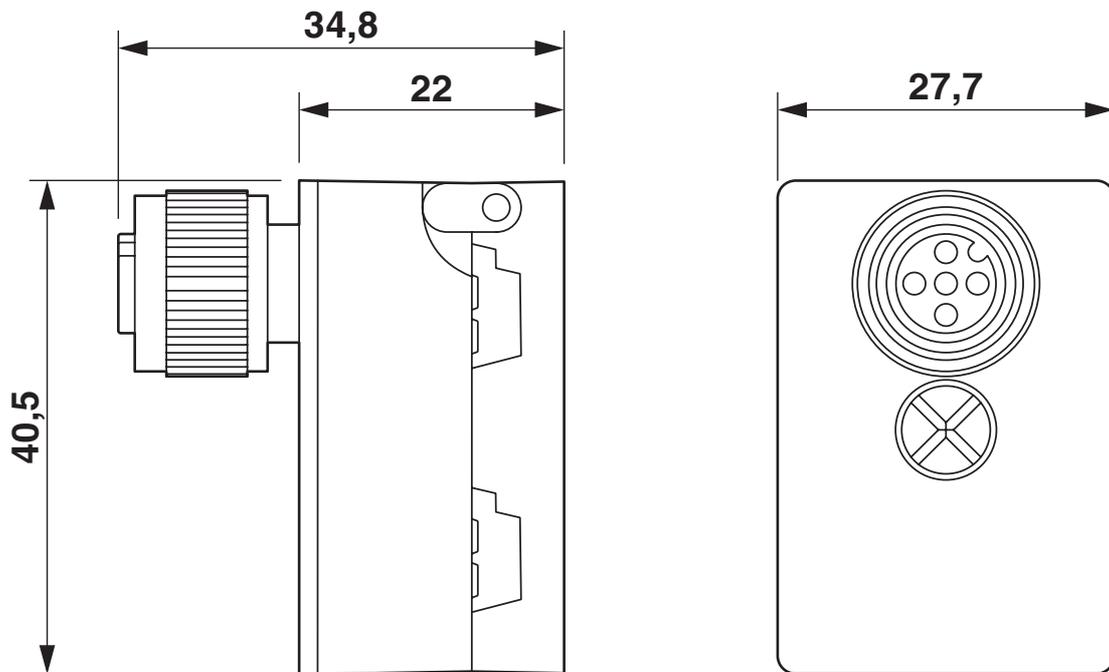
Distributor, AS-Interface

Dimensional drawing

Ø4,2

27,7

17

40,5

Distance and position of the mounting holes

SAC-ASI-J-Y-B-M12FS - Distributor
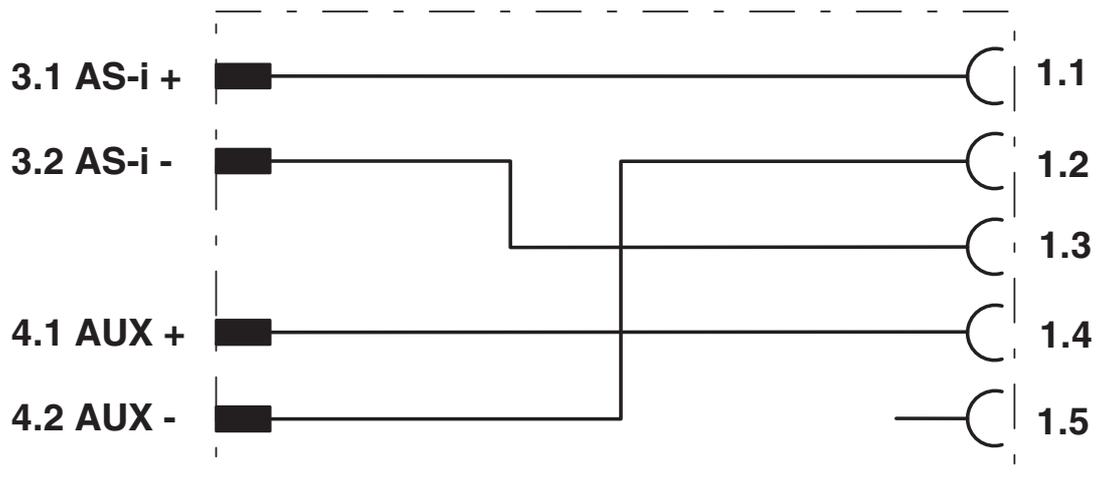
1405621

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Schematic diagram
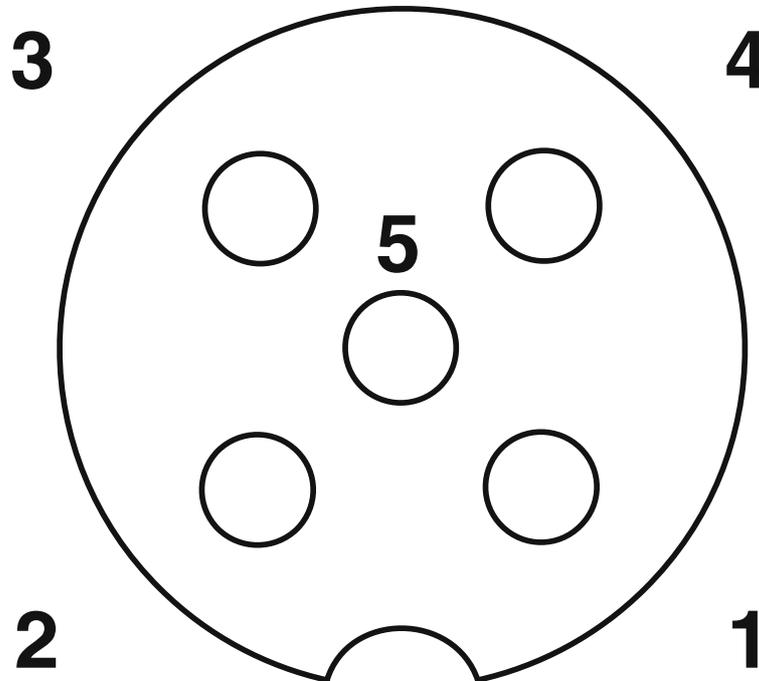
Pin assignment M12, PIN 1: AS-i +, PIN 2: AUX -, PIN 3: AS-i -, PIN 4: AUX +, PIN 5: Not used

Circuit diagram

3.1 AS-i +	1.1
3.2 AS-i -	1.2
	1.3
4.1 AUX +	1.4
4.2 AUX -	1.5

Contact assignment of the AS-Interface distributor

Classifications

ECLASS

ECLASS-13.0	27440106
ECLASS-15.0	27440106

ETIM

ETIM 9.0	EC002925

UNSPSC

UNSPSC 21.0	31251500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-II, 6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	6341da11-639b-4ba5-b3ee-d05e9925beae