

SAC-ASI-J-Y-N-M12FS - Distributor



1405619

<https://www.phoenixcontact.com/us/products/1405619>

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AS-Interface distributor with a high degree of protection, for a branch from one flat-ribbon conductor to one straight, A-coded, 2-pos. M12 socket

Commercial data

Item number	1405619
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	AF1GFA
GTIN	4046356754958
Weight per piece (including packing)	44.857 g
Weight per piece (excluding packing)	44 g
Customs tariff number	85366990
Country of origin	VN

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Technical data

Product properties

Product type	Network distributor box
Number of positions	2
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
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Connection assignment

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

Interfaces

Bus system	AS-Interface
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Signaling

Status display	no
Status display present	no

Material specifications

Material Housing	PBT
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Connector

Connection 1

Type	Load center AS-i Screw locking
Number of positions	2
Locking type	Screw locking mechanism
Material	CuSn (Contact)
	Ni/Au (Contact surface)

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	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	2 (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

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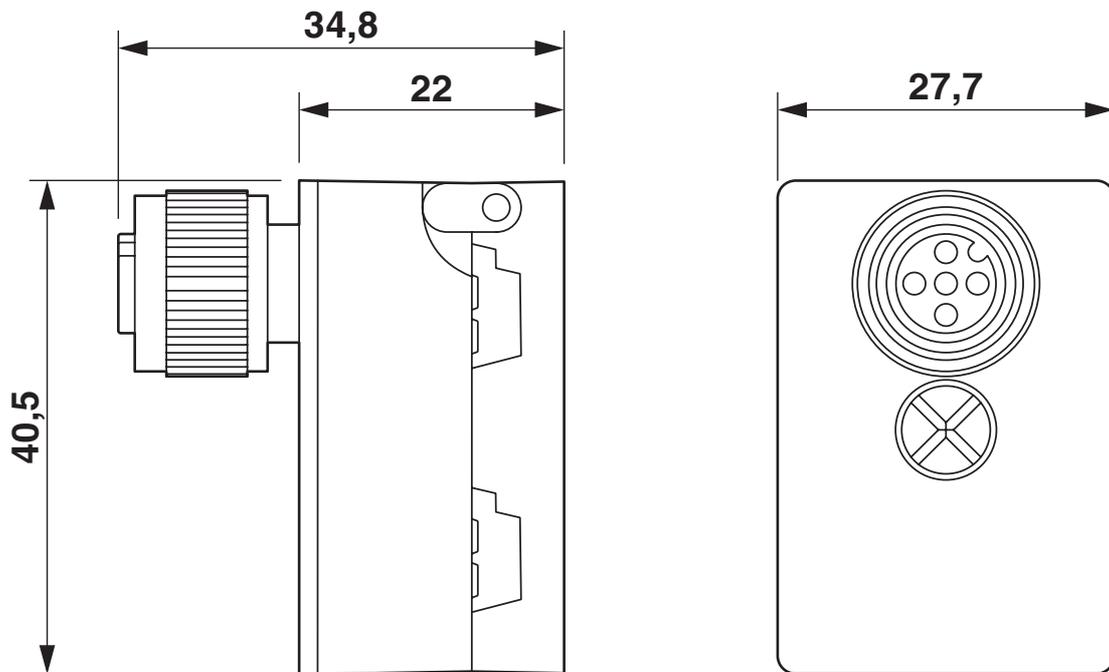


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Drawings

Dimensional drawing



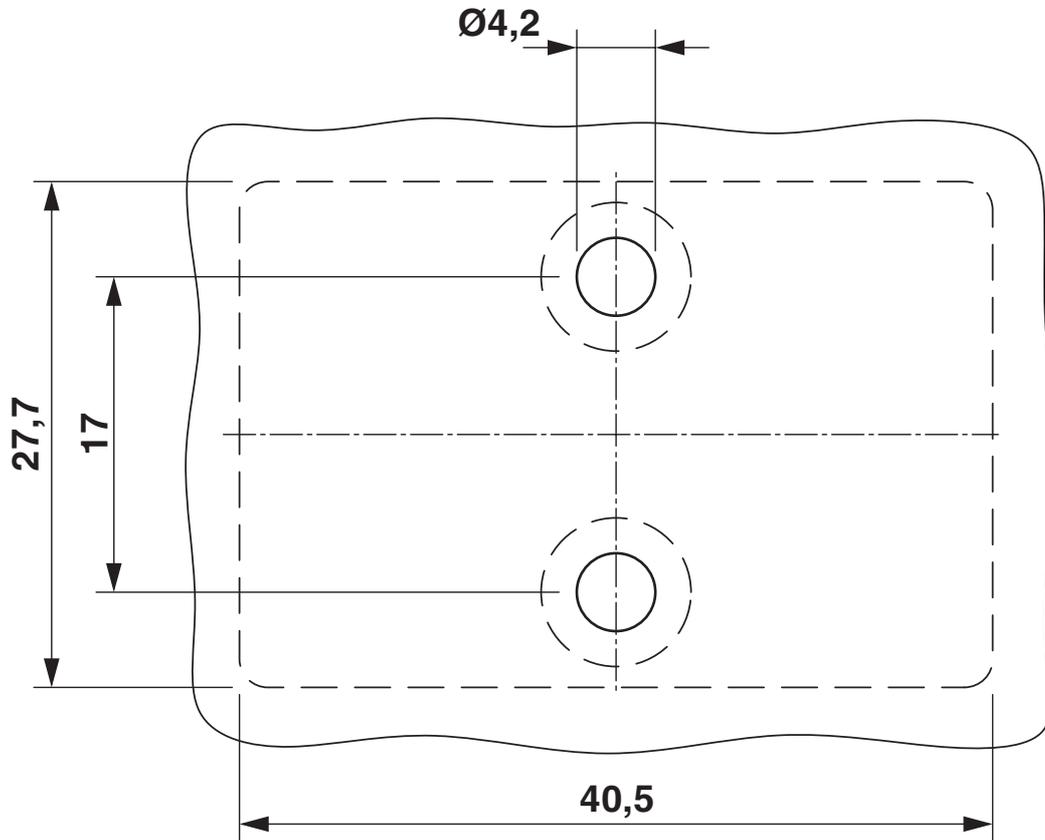
Distributor, AS-Interface

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Dimensional drawing

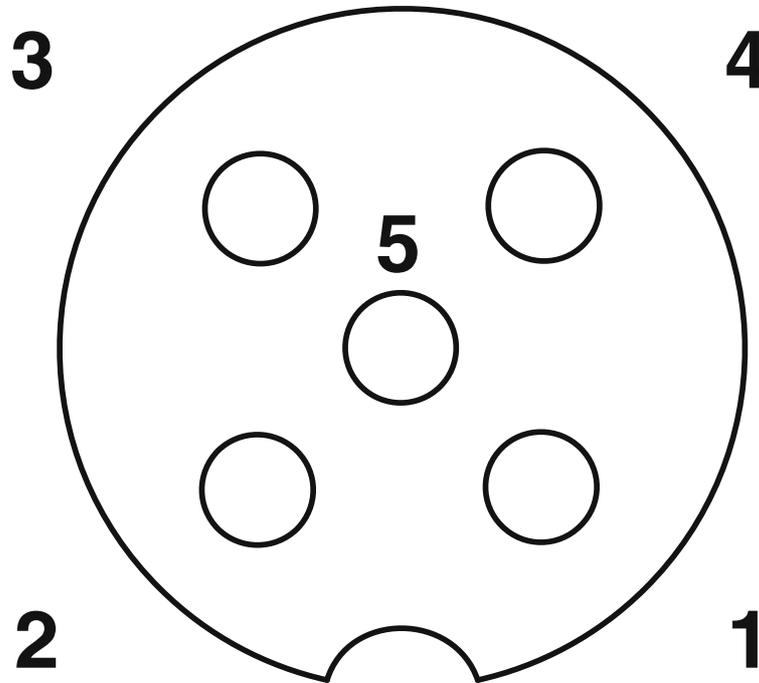


Distance and position of the mounting holes

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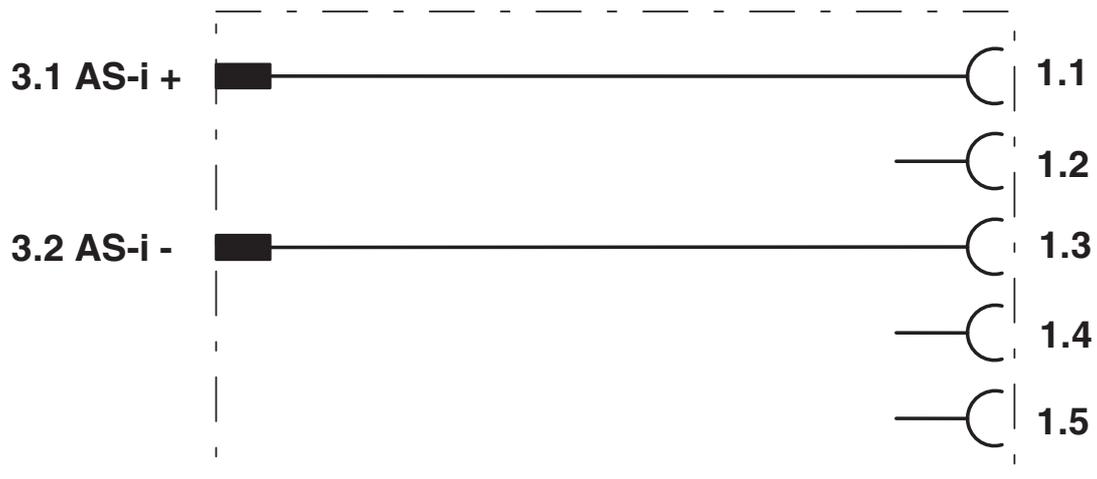
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Schematic diagram



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

Circuit diagram



Contact assignment of the AS-Interface distributor

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Classifications

ECLASS

ECLASS-13.0	27440106
ECLASS-15.0	27440106

ETIM

ETIM 9.0	EC002925
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UNSPSC

UNSPSC 21.0	31251500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 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	bd7906b1-9a56-46d1-9781-5ffdeba669b1

EF3.0 Climate Change

CO2e kg	2.219 kg CO2e
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