

1405619

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	BF1GFA
Catalog page	Page 440 (C-2-2019)
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

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
-------------------	----------------------------

Pin 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
------------	--------------

Signaling

Status display	No
Status display present	No

Material specifications

Material Housing	PBT
------------------	-----

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)

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



1405619

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

	PBT (Contact carriers)
	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 carriers)
	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)	-25 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Standards and regulations

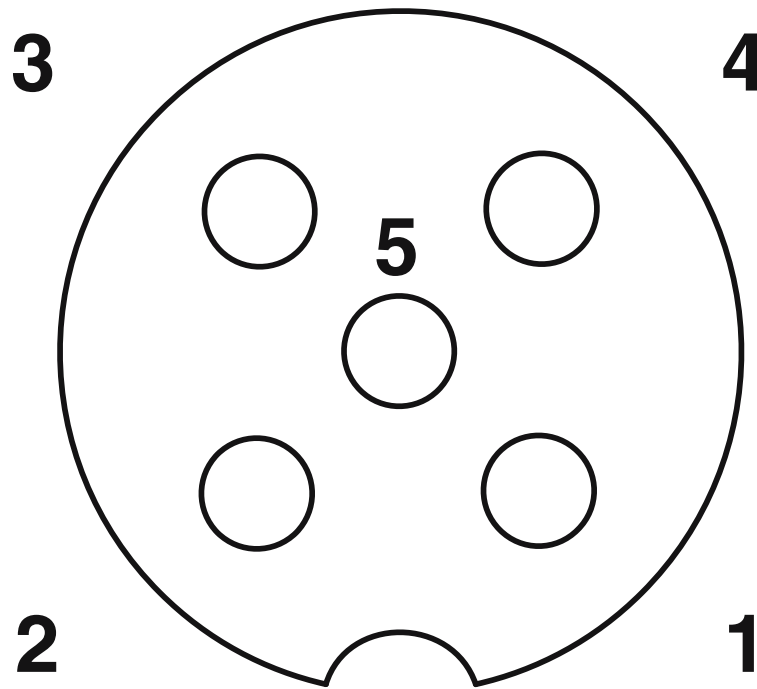
Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

1405619

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

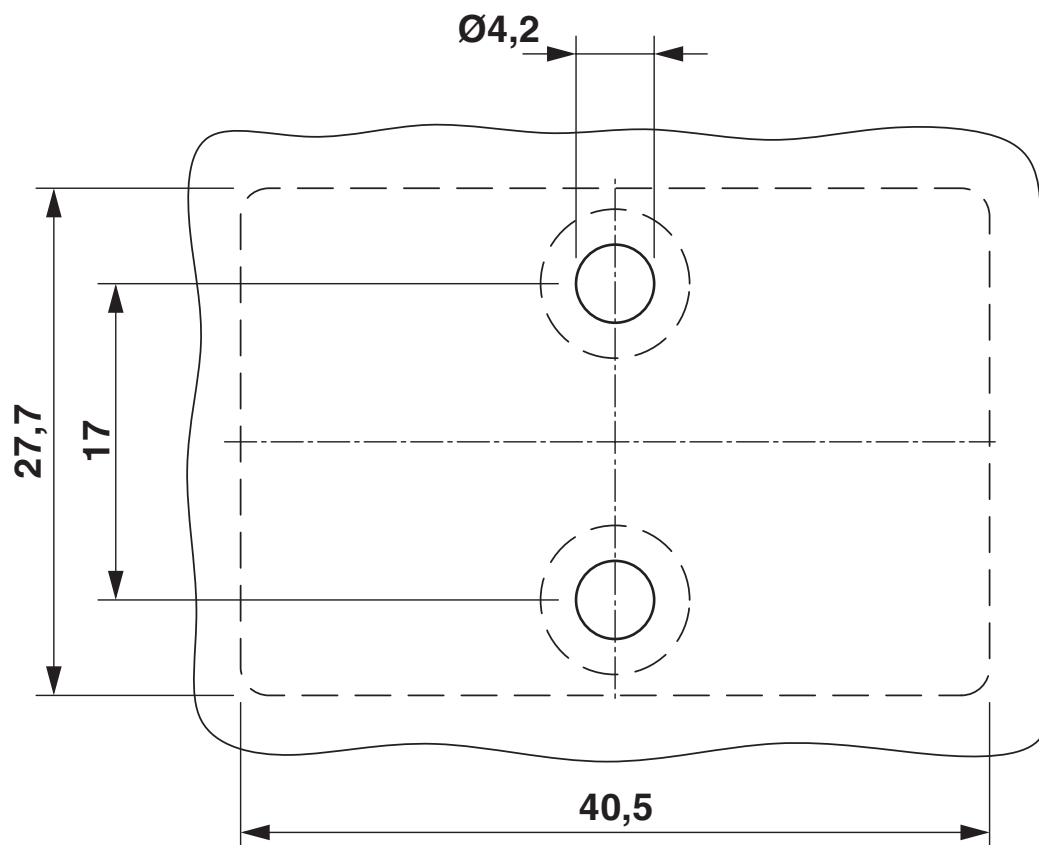
Drawings

Schematic diagram



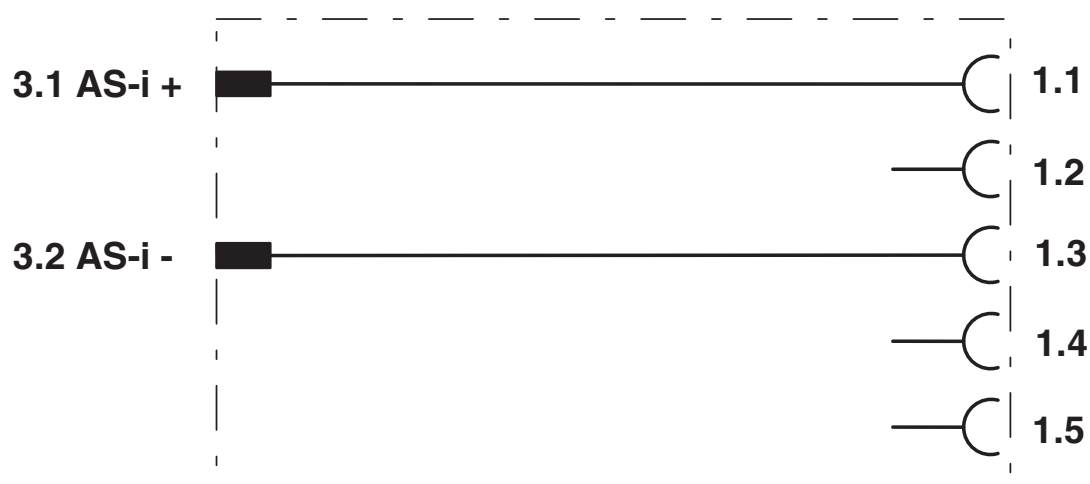
Pin assignment M12, PIN 1: AS-i +, PIN 3: AS-i -, PIN 2,4,5: Not used

Dimensional drawing



Distance and position of the mounting holes

Circuit diagram



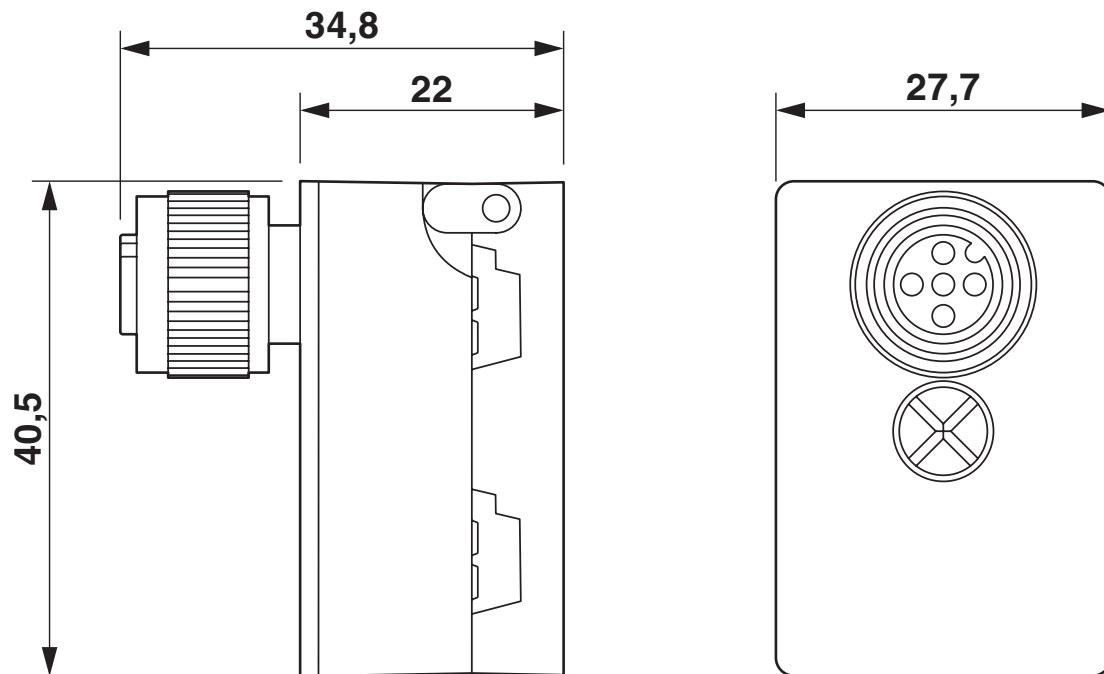
SAC-ASI-J-Y-N-M12FS - Distributor

1405619

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



Dimensional drawing



Distributor, AS-Interface

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



1405619

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

Classifications

ECLASS

ECLASS-11.0	27440106
ECLASS-12.0	27440106
ECLASS-13.0	27440106

ETIM

ETIM 9.0	EC002925
----------	----------

UNSPSC

UNSPSC 21.0	31251500
-------------	----------

1405619

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

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)

1405619

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

Accessories

SAC-4P-MS/ 0,3-186/FS SCO - Sensor/actuator cable

1555680

<https://www.phoenixcontact.com/us/products/1555680>



Sensor/actuator cable, 4-position, PUR, black-gray RAL 7021, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A

SAC-4P-MS/ 0,5-186/FS SCO - Sensor/actuator cable

1555693

<https://www.phoenixcontact.com/us/products/1555693>



Sensor/actuator cable, 4-position, PUR, black-gray RAL 7021, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A

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



1405619

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

SAC-4P-MS/ 1,0-186/FS SCO - Sensor/actuator cable

1555703

<https://www.phoenixcontact.com/us/products/1555703>



Sensor/actuator cable, 4-position, PUR, black-gray RAL 7021, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A

SAC-4P-MS/ 2,0-186/FS SCO - Sensor/actuator cable

1555716

<https://www.phoenixcontact.com/us/products/1555716>



Sensor/actuator cable, 4-position, PUR, black-gray RAL 7021, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A

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



1405619

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

SAC-4P-MS/ 5,0-186/FS SCO - Sensor/actuator cable

1555729

<https://www.phoenixcontact.com/us/products/1555729>



Sensor/actuator cable, 4-position, PUR, black-gray RAL 7021, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A

SAC-4P-MS/10,0-186/FS SCO - Sensor/actuator cable

1555732

<https://www.phoenixcontact.com/us/products/1555732>



Sensor/actuator cable, 4-position, PUR, black-gray RAL 7021, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A

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



1405619

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

SAC-4P-MS/15,0-186/FS SCO - Sensor/actuator cable

1555745

<https://www.phoenixcontact.com/us/products/1555745>



Sensor/actuator cable, 4-position, PUR, black-gray RAL 7021, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A

PROT-M12 - Screw plug

1680539

<https://www.phoenixcontact.com/us/products/1680539>



An M12 screw plug for the unoccupied M12 sockets of the sensor/actuator cable, boxes and flush-type connectors

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



1405619

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

SZK PH2 VDE - Screwdriver

1205163

<https://www.phoenixcontact.com/us/products/1205163>



Screwdriver, PH crosshead, VDE insulated, size: PH 2 x 100 mm, 2-component grip, with non-slip grip

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com