Y distributor - SAC-5PY-F/M-F VP SH

1419933

PHŒNIX CONTACT

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Y distributor, 5-position, shielded, Socket straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A and Plug straight M12 SPEEDCON, coding: A, Parallel distributor

Your advantages

- Reliable signal transmission – 360° shielding in environments with electromagnetic interference
- Save time, thanks to installation with SPEEDCON fast locking system

Commercial Data

Item number	1419933
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	B06
Product Key	BF1GAC
Catalog Page	Page 253 (C-2-2019)
GTIN	4046356528450
Weight per Piece (including packing)	46 g
Weight per Piece (excluding packing)	46 g
Customs tariff number	85366990
Country of origin	PL

Technical Data

Product properties

Product type	Y-distributor
Number of positions	5
No. of cable outlets	2
Shielded	yes
Coding	A - standard
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3
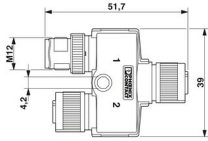
Electrical properties

Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	4 A

LED signaling

Status display	No
Status display present	No

Dimensions

Dimensional drawing	
Width	39 mm
Height	16 mm
Length	51.7 mm
Center distance	21 mm

Material specifications

Color Handle area	black
Flammability rating according to UL 94	HB
Sealing material	NBR
Material of grip body	TPU, hardly inflammable, self-extinguishing
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material for screw connection	Zinc die-cast, nickel-plated

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Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

Connection 2

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)

Standards and regulations

Standards/specifications	IEC 61076-2-101

Drawings

Dimensional drawing

51,7

M12

4,2

39
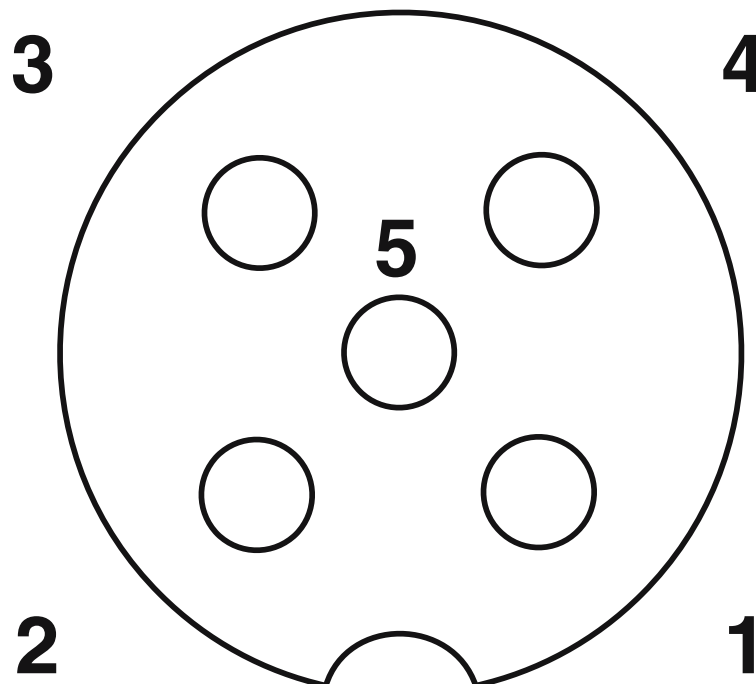
1

2
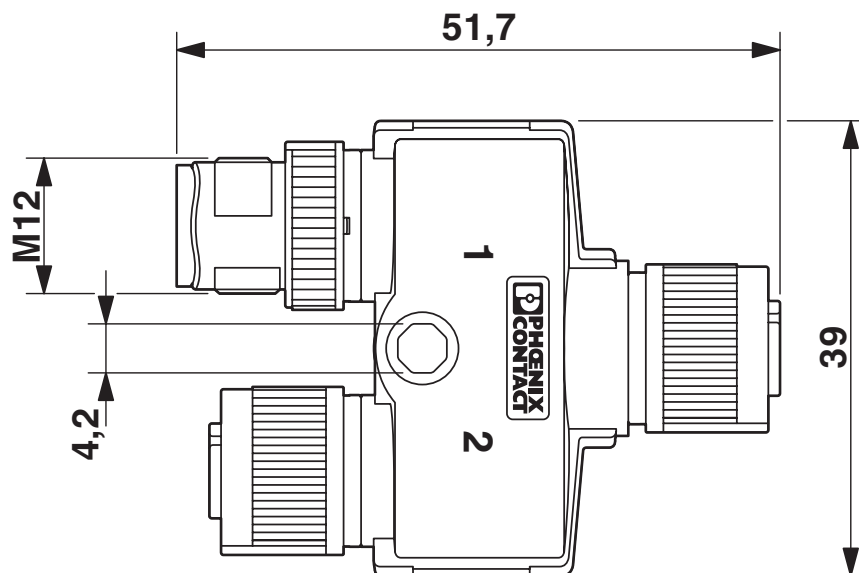
M12 Y distributor

Schematic diagram

3

4

5

2

1

Pin assignment M12 socket, 5-pos., A-coded, socket side view

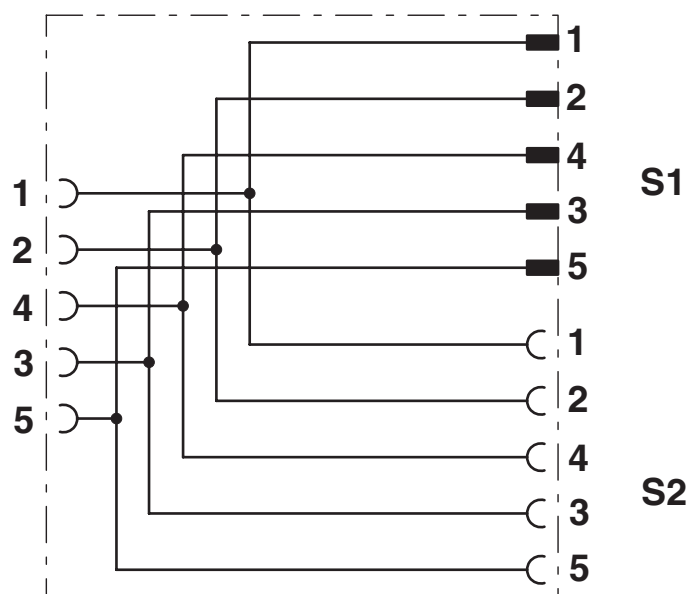# Y distributor - SAC-5PY-F/M-F VP SH

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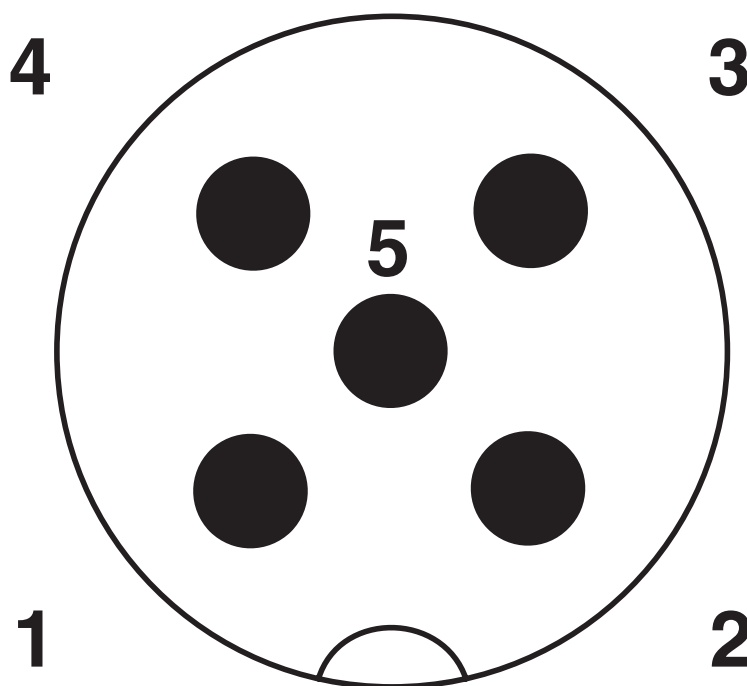
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Circuit diagram

Schematic diagram

Pin assignment M12 male connector, 5-pos., A-coded, male side

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Classifications

ECLASS

ECLASS-9.0	27440106
ECLASS-10.0.1	27440106
ECLASS-11.0	27440106
ECLASS-12.0	27440106

ETIM

ETIM 8.0	EC002925

UNSPSC

UNSPSC 21.0	31251500

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

Torque screwdriver

Torque screwdriver - TSD 04 SAC - 1208429

https://www.phoenixcontact.com/us/products/1208429

Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

Tool

Tool - SAC BIT M12-D15 - 1208432

https://www.phoenixcontact.com/us/products/1208432

Nut for assembling sensor/actuator cables with M12 connector and M12 connectors for assembly, with a knurl diameter of 15 mm, for 4 mm hexagonal drive

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Screw plug

Screw plug - PROT-M12 SH - 1503302

https://www.phoenixcontact.com/us/products/1503302

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

Sealing cap

Sealing cap - PROT-M12 FS-M - 1430488

https://www.phoenixcontact.com/us/products/1430488

M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

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Screw plug

Screw plug - PROT-M12 MS-PA-CHAIN - 1430899

https://www.phoenixcontact.com/us/products/1430899

M12 sealing cap with fixing band, for sensor cables, for free M12 sockets

Sealing cap

Sealing cap - PROT-M12 FS-PA-CHAIN - 1430873

https://www.phoenixcontact.com/us/products/1430873

M12 sealing cap made of plastic with fixing band, for sensor cables, for free M12 plugs