

## Y distributor - SAC-3P-Y/2XFS PE SCO - 1523971

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Y distributor, 4-position, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A and Socket straight M12 SPEEDCON, coding: A



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
GTIN	 4 046356 127509
GTIN	4046356127509
Weight per Piece (excluding packing)	28.080 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Center distance	18 mm
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#### Ambient conditions

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

#### General

Note	with center distance of 18 mm, suitable for molded connectors and unshielded connectors that can be assembled with QUICKON IDC terminal block connection technology and a connection range of 0.14 mm <sup>2</sup> to 0.34 mm <sup>2</sup>
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### Technical data

#### General

Rated current at 40°C	4 A
Rated voltage	48 V AC
	60 V DC
Number of positions	4
Insulation resistance	$\geq 100 \text{ M}\Omega$
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	$\geq 100$
Torque	0.4 Nm (M12 connector)

#### Material

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

#### Standards and Regulations

Standards/specifications	M12 connector IEC 61076-2-101
Flammability rating according to UL 94	HB

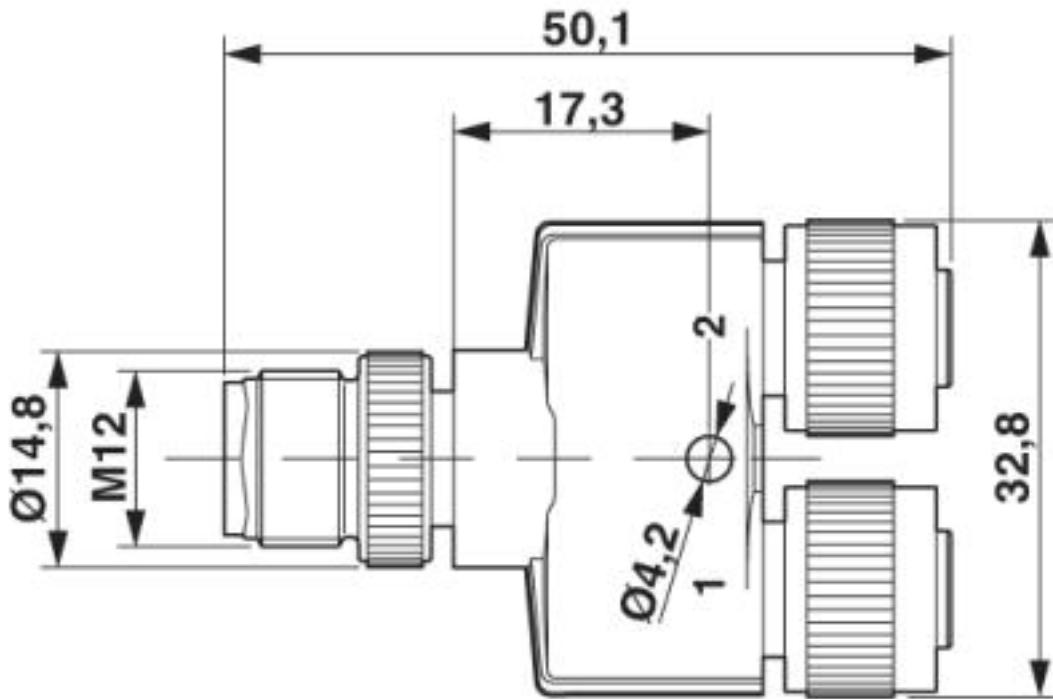
#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

#### Drawings

## Y distributor - SAC-3P-Y/2XFS PE SCO - 1523971

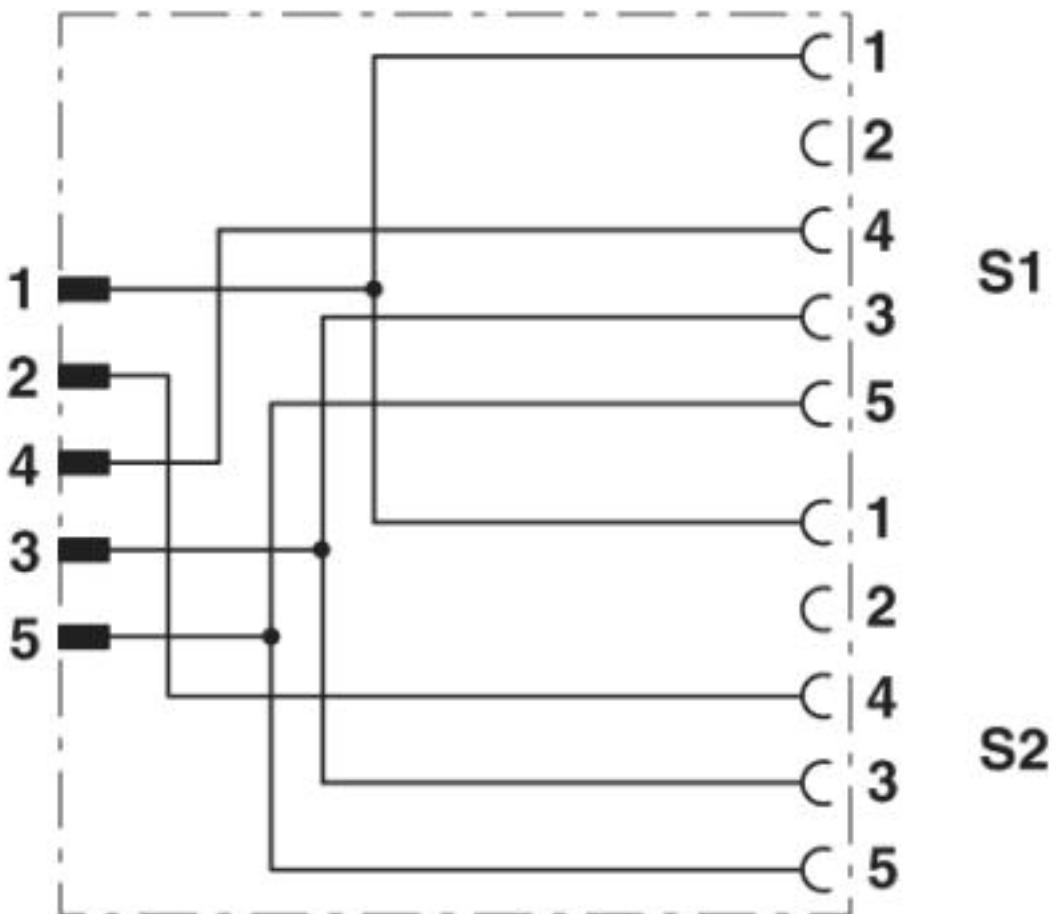
Dimensional drawing



Plug M12 x 1, Y distributor

## Y distributor - SAC-3P-Y/2XFS PE SCO - 1523971

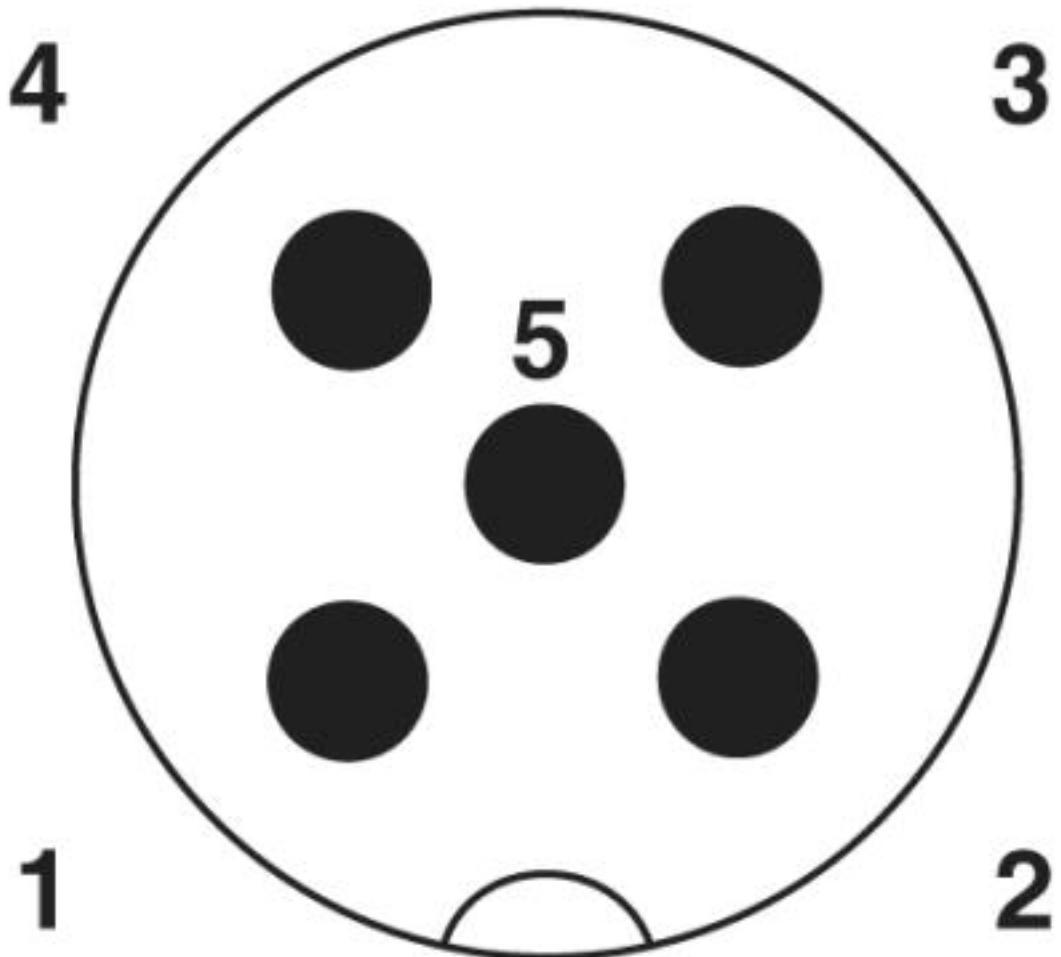
Circuit diagram



Contact assignment of the M12 Y distributor

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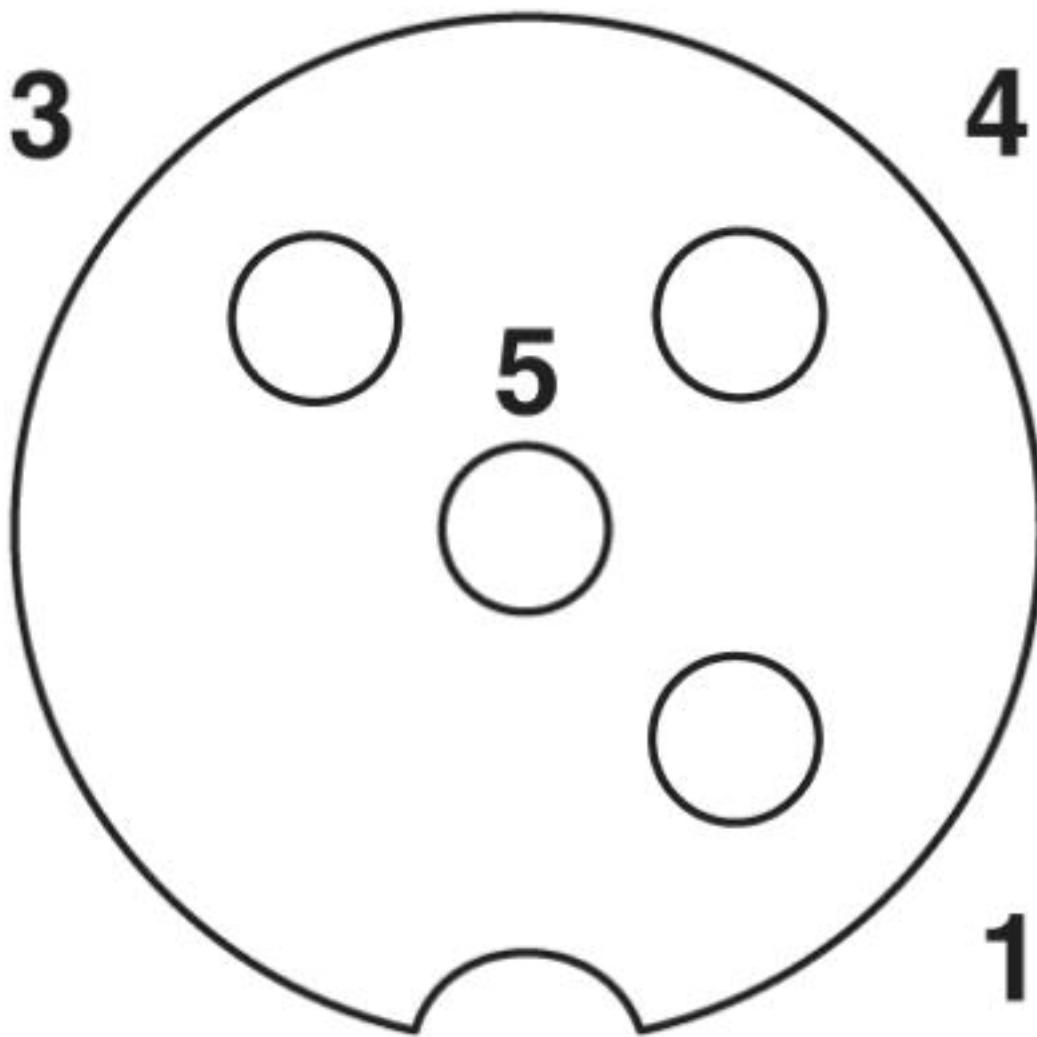
Schematic diagram



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

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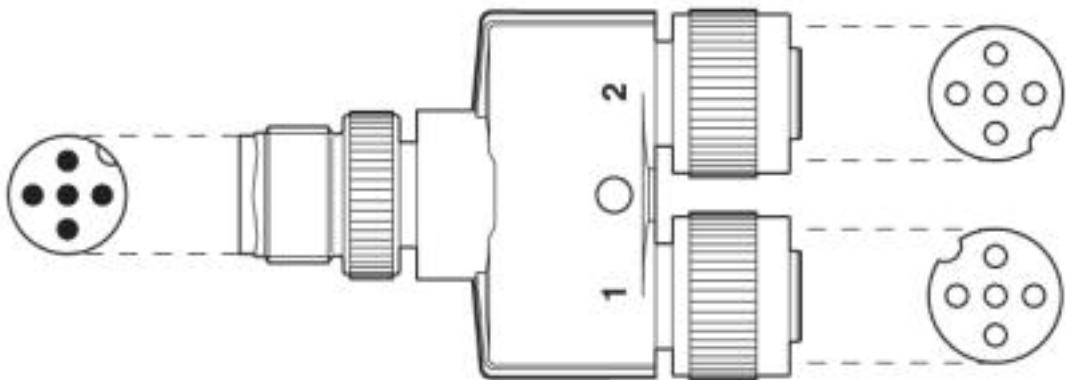
Schematic diagram



Pin assignment socket M 12, 3-pos. + PE

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Schematic diagram



Layout of connector pin assignments

### Classifications

eCl@ss

eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104
eCl@ss 9.0	27440106

ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC002062
ETIM 6.0	EC002925
ETIM 7.0	EC002925

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501
UNSPSC 19.0	31251501

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### Classifications

#### UNSPSC

UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

### Approvals

#### Approvals

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#### Approvals

UL Listed / cUL Listed / EAC / EAC / cULus Listed

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#### Ex Approvals

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#### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E221474
Nominal voltage UN		30 V	
Nominal current IN		4 A	

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E221474
Nominal voltage UN		30 V	
Nominal current IN		4 A	

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00511
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### Approvals

cULus Listed



### Accessories

#### Accessories

Plug for cable screw gland

Screw plug - PROT-MS SCO - 1553129



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

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



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Screw plug - PROT-MS SCO - 1553129



#### Protective cap

Sealing cap - PROT-M12 FS - 1560251



M12 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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### Accessories

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

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



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### Screwdriver tools

Tool - SAC BIT M12-D15 - 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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### Torque tool

Torque screwdriver - TSD 04 SAC - 1208429



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