

## Y distributor - SAC-3P-Y/2XM 8FS SCO - 1523984

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Y distributor, 4-position, Plug straight M12 SPEEDCON, coding: A, on Socket straight M8, coding: A and Socket straight M8, coding: A



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
GTIN	 4 046356 115209
GTIN	4046356115209
Weight per Piece (excluding packing)	13.440 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Center distance	12 mm
-----------------	-------

#### Ambient conditions

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

#### General

Rated current at 40°C	4 A
Rated voltage	48 V AC
	60 V DC

## Y distributor - SAC-3P-Y/2XM 8FS SCO - 1523984

### Technical data

#### General

Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
	M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)
	0.2 Nm (M8 connectors)

#### 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
	M8 connector IEC 61076-2-104
Flammability rating according to UL 94	HB

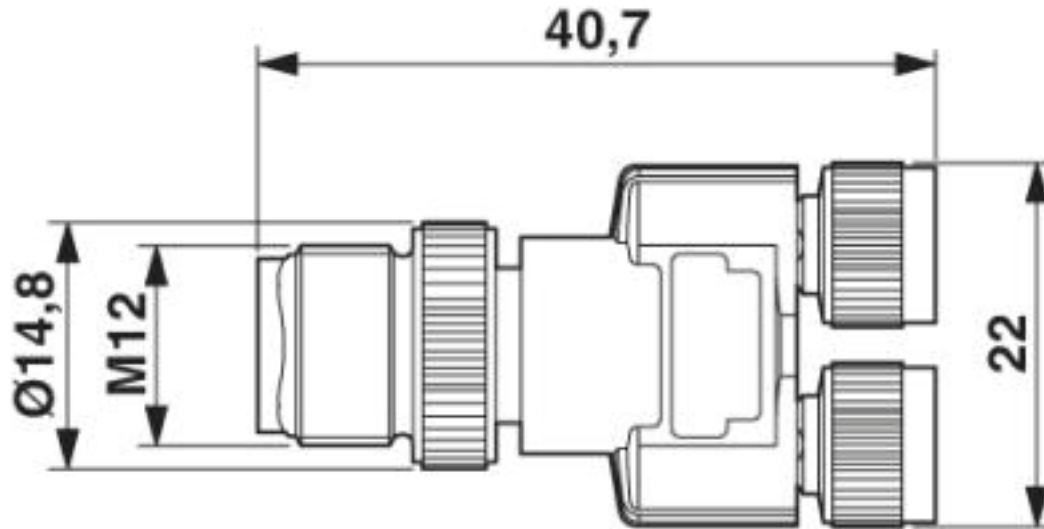
#### Environmental Product Compliance

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/2XM 8FS SCO - 1523984

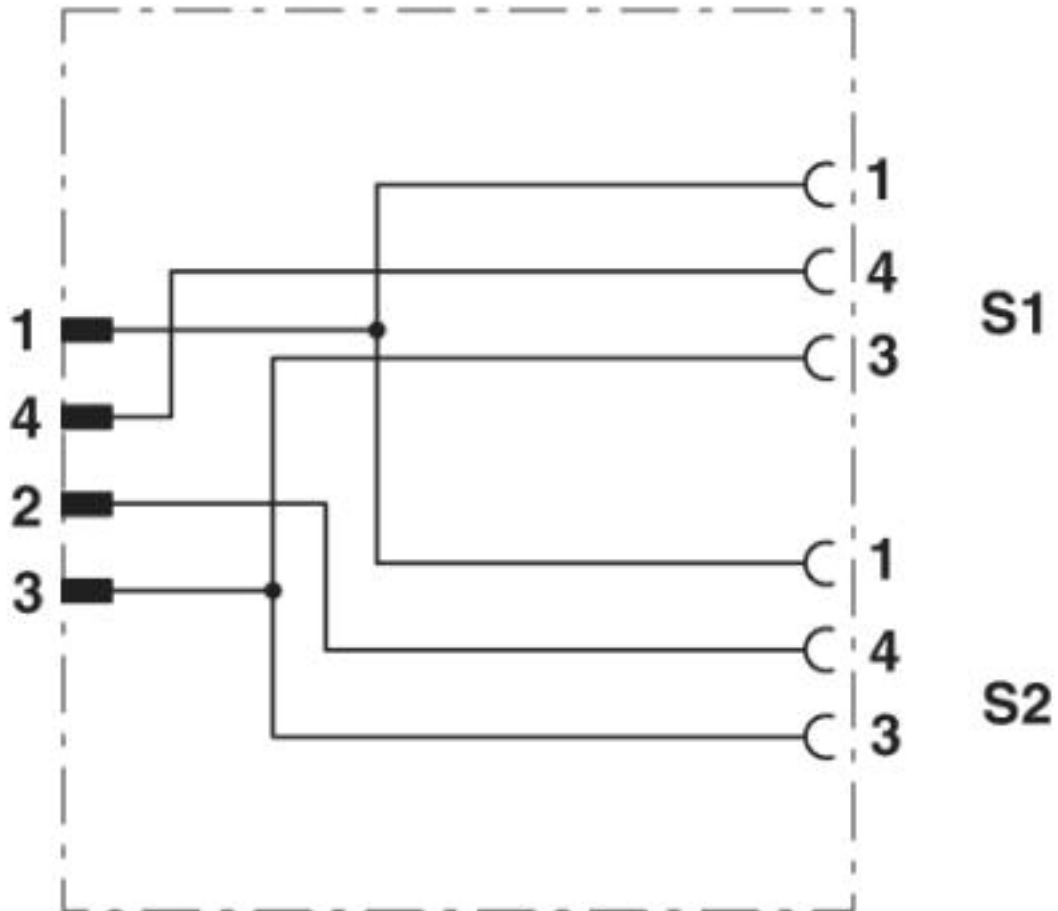
Dimensional drawing



M12 Y distributor

## Y distributor - SAC-3P-Y/2XM 8FS SCO - 1523984

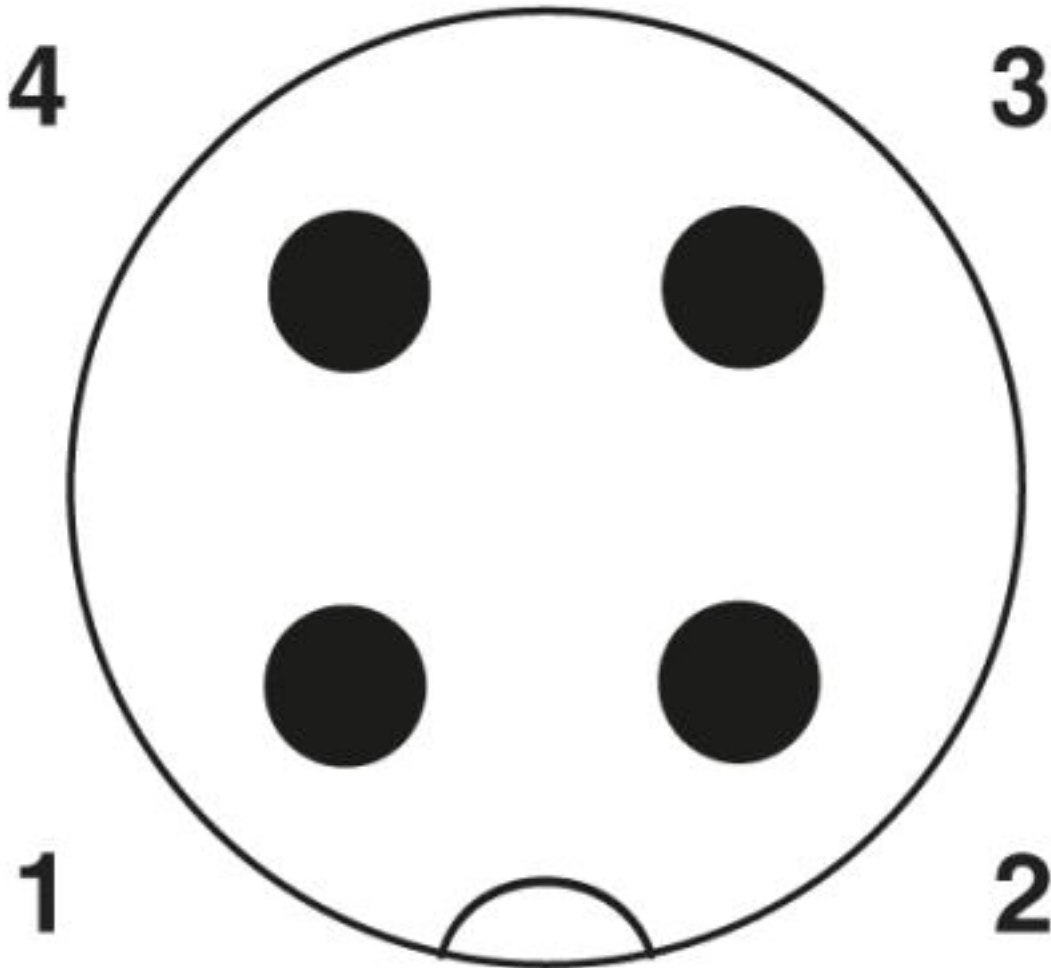
Circuit diagram



Contact assignment of the M12/M8 Y distributor

## Y distributor - SAC-3P-Y/2XM 8FS SCO - 1523984

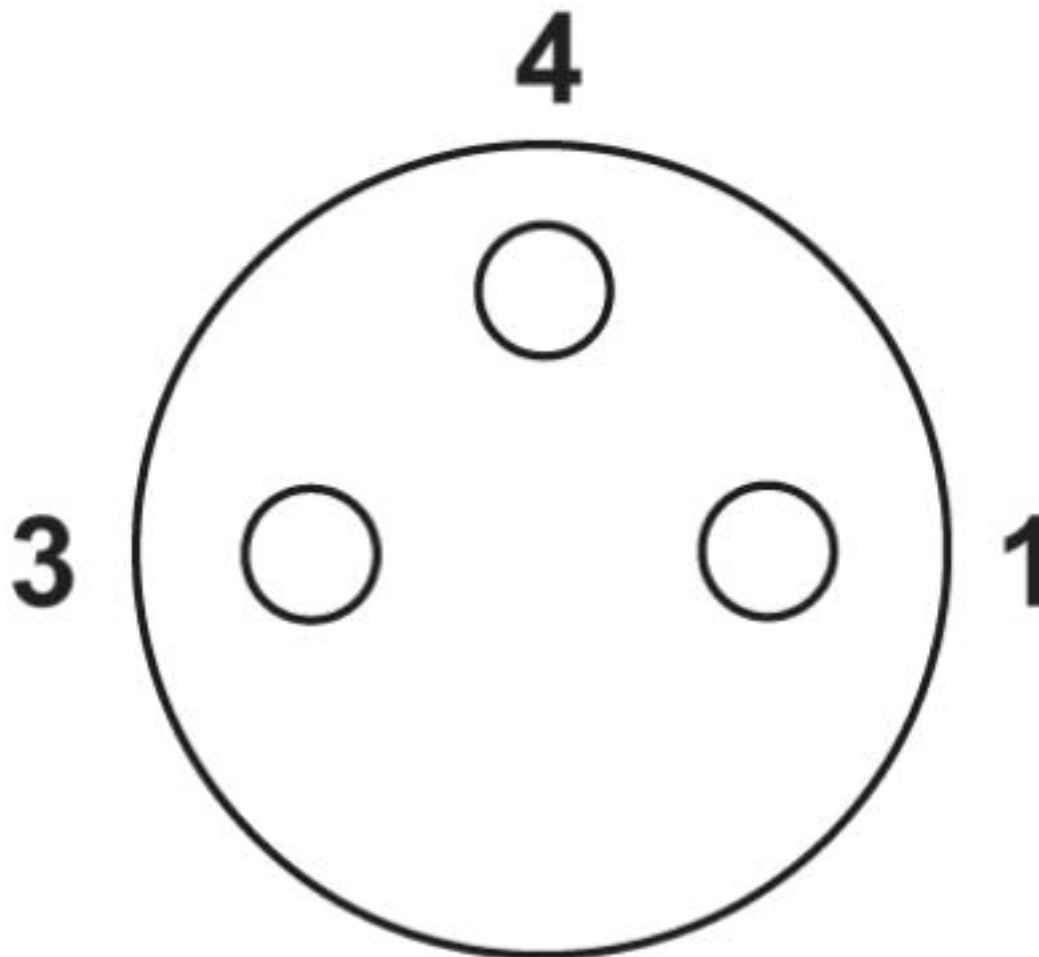
Schematic diagram



Pin assignment M12 plug, 4-pos., A-coded, view plug side

## Y distributor - SAC-3P-Y/2XM 8FS SCO - 1523984

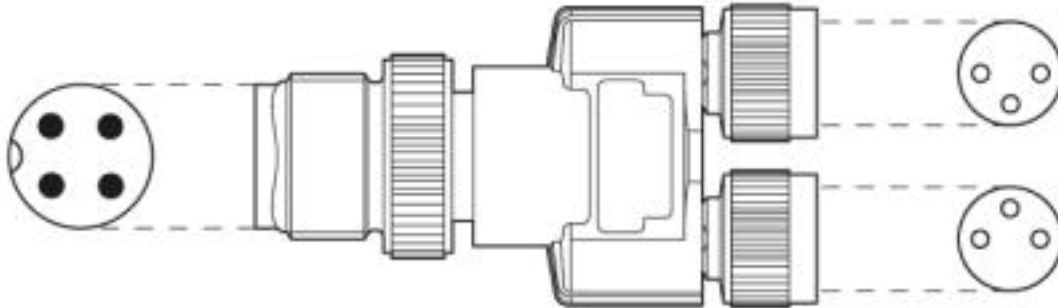
Schematic diagram



Pin assignment M8 socket, 3-pos., view female side

## Y distributor - SAC-3P-Y/2XM 8FS SCO - 1523984

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
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

## Y distributor - SAC-3P-Y/2XM 8FS SCO - 1523984

### Approvals


#### Approvals


#### Approvals

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


#### Ex Approvals

### 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	
-----	---	--------------------------	--

EAC		RU C- DE.BL08.B.00511	
-----	---	--------------------------	--

cULus Listed			
--------------	---	--	--

### Accessories

#### Accessories



## Y distributor - SAC-3P-Y/2XM 8FS SCO - 1523984

### Accessories

Plug for cable screw gland

Screw plug - PROT-MS SCO - 1553129



---

Screw plug - PROT-M8 - 1682540



An M8 screw plug for the unoccupied M8 sockets of the sensor/actuator cable, boxes and flush-type connectors

---

Protective cap

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

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



---

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

## Y distributor - SAC-3P-Y/2XM 8FS SCO - 1523984

### Accessories

Tool - SAC BIT M8-D10 - 1208461



Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 10 mm, for 4 mm hexagonal drive

---

### 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

---

Torque screwdriver - TSD 02 SAC - 1208487



Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors