SAC-8PY-F/M4P-FD SH - Y distributor

1424748

PHŒNIX CONTACT

Y distributor, 8-position, shielded, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: D and Plug straight M12 SPEEDCON, coding: D, Connector, 360° shielded

Your advantages

- Safe use in the field, thanks to a high degree of protection
- Reliable signal transmission – 360° shielding in environments with electromagnetic interference
- Save time, thanks to installation with SPEEDCON fast locking system

Commercial data

Item number	1424748
Packing unit	5 pc
Minimum order quantity	5 pc
Note	Made to order (non-returnable)
Sales key	AF1GAD
Product key	AF1GAD
GTIN	4055626384719
Weight per piece (including packing)	45.25 g
Weight per piece (excluding packing)	45.25 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Product properties

Product type		Y-distributor
Number of positions		8
No. of cable outlets		2
Shielded		yes
Coding		A
Thread type		M12

Insulation characteristics		
Overvoltage category		II
Degree of pollution		3
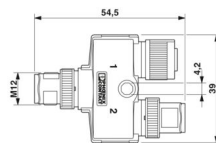
Electrical properties

Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	30 V AC
	30 V DC
Nominal current I_N	2 A
Transmission medium	Copper

Signaling

Status display	no
Status display present	no

Dimensions

Dimensional drawing	
Center distance	21 mm

Material specifications

Flammability rating according to UL 94	HB
Seal 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

Connector

Connection 1

Type	Plug straight M12 SPEEDCON
Locking type	SPEEDCON
Coding type	A

Connection 2

Type	Socket straight M12 SPEEDCON
Locking type	SPEEDCON
Coding type	D

Connection 3

Type	Plug straight M12 SPEEDCON
Locking type	SPEEDCON
Coding type	D

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

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

Drawings

Dimensional drawing

54,5

M12

1

2

4,2

39
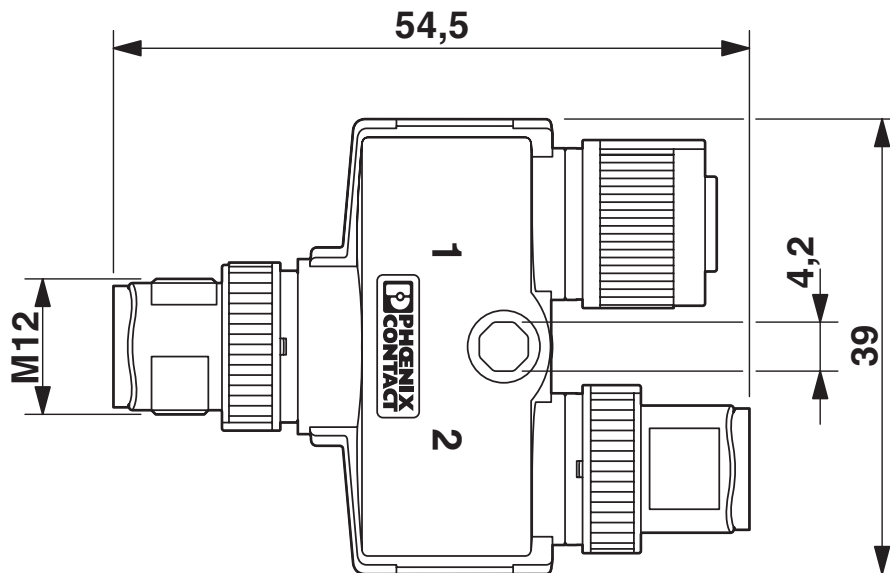
M12 Y distributor

Schematic diagram

4

3

5

1

2
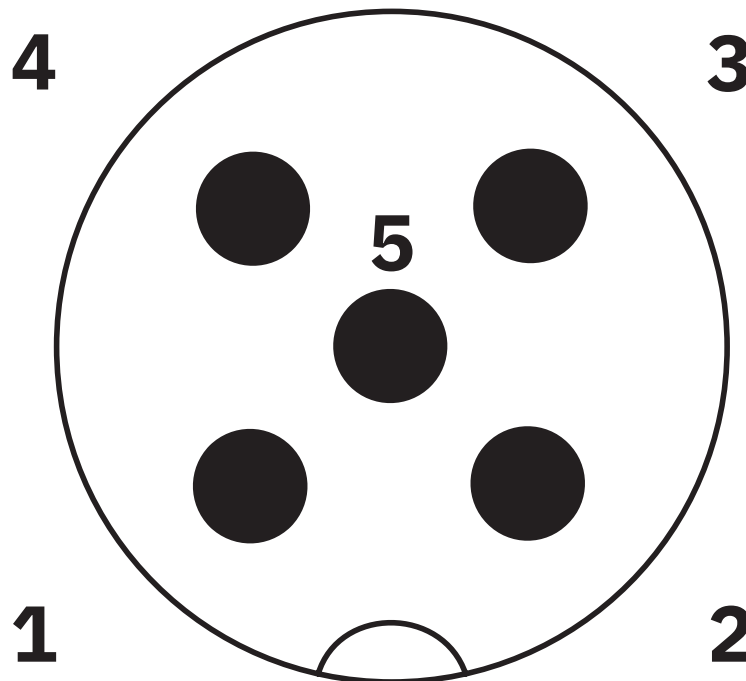
Pin assignment M12 male connector, 5-pos., A-coded, male side

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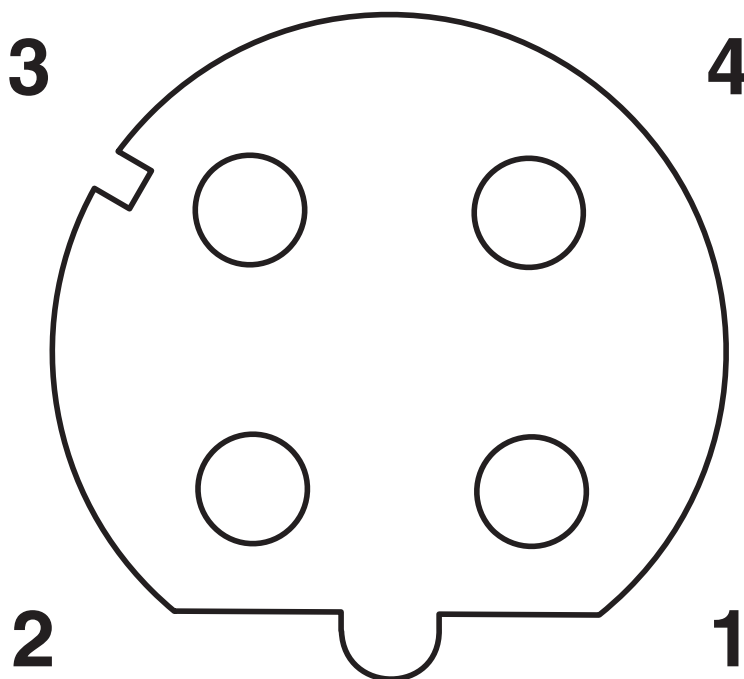
1424748

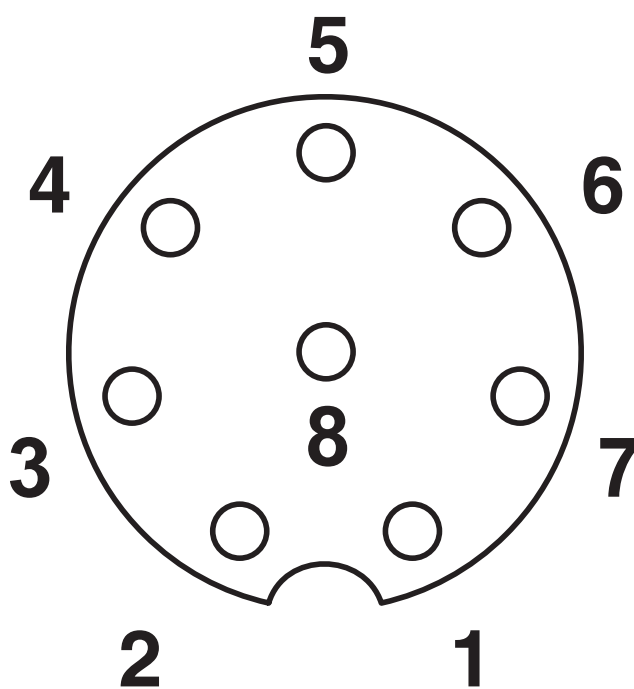https://www.phoenixcontact.com/gb/products/1424748

Schematic diagram

Pin assignment M12 socket, 4-pos., D-coded, female side

Schematic diagram

Pin assignment M12 socket, 8-pos., A-coded, view female side

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Circuit diagram
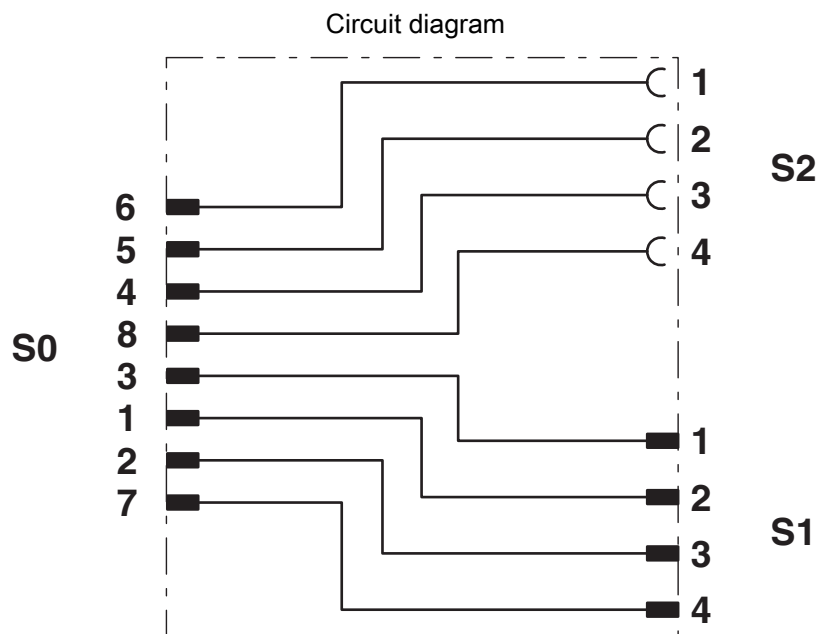
Contact assignment of the M12 Y distributor

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Classifications

ECLASS

ECLASS-12.0	27440106
ECLASS-13.0	27440106

ETIM

ETIM 9.0	EC002925

UNSPSC

UNSPSC 21.0	31251500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%