SAC-4P-Y/2XFS B S21 SCO - Y distributor

1409204

https://www.phoenixcontact.com/us/products/1409204

PHŒNIX CONTACT

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Y distributor, 5-position, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A, PIN 2+4 bridged and Socket straight M12 SPEEDCON, coding: A, PIN 2+4 bridged, Thread M12 socket not rotatable

Commercial data

Item number	1409204
Packing unit	5 pc
Minimum order quantity	5 pc
Note	Made to order (non-returnable)
Sales key	BF10
Product key	AF1GAB
GTIN	4046356865036
Weight per piece (including packing)	30 g
Weight per piece (excluding packing)	29.72 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Product properties

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

Insulation characteristics

	Overvoltage category	II
	Degree of pollution	3

Electrical properties

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

Signaling

	Status display	no
	Status display present	no

Dimensions
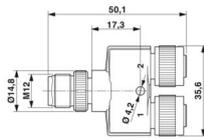
	Dimensional drawing	
	Center distance	21 mm

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	A

Connection 3

Type	Socket straight M12 SPEEDCON
Locking type	SPEEDCON
Coding type	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

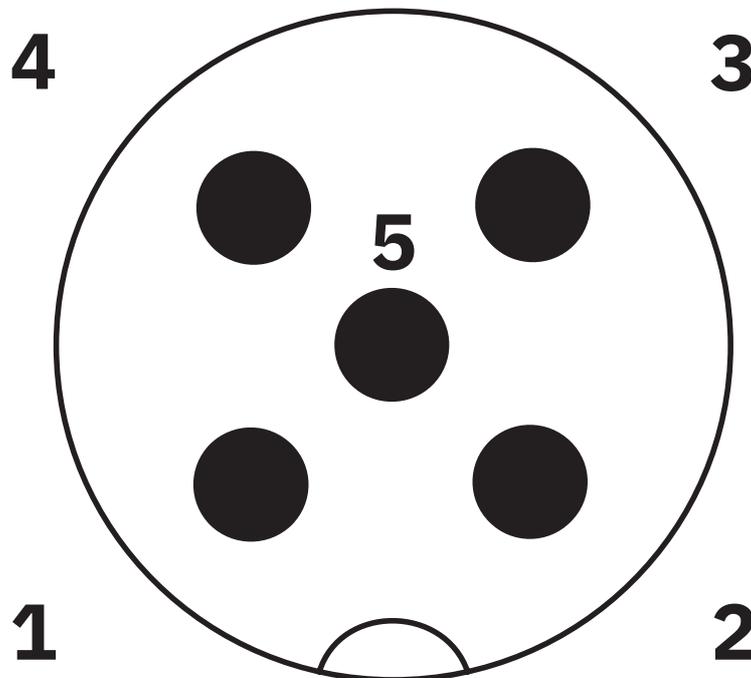| Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

Drawings

Dimensional drawing
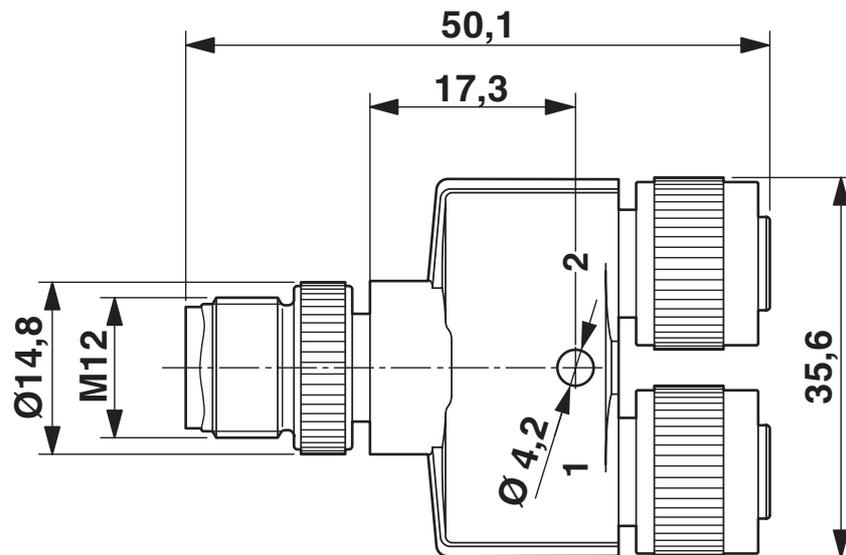
Plug M12 x 1, Y distributor, inner gauge of 21 mm

Schematic diagram

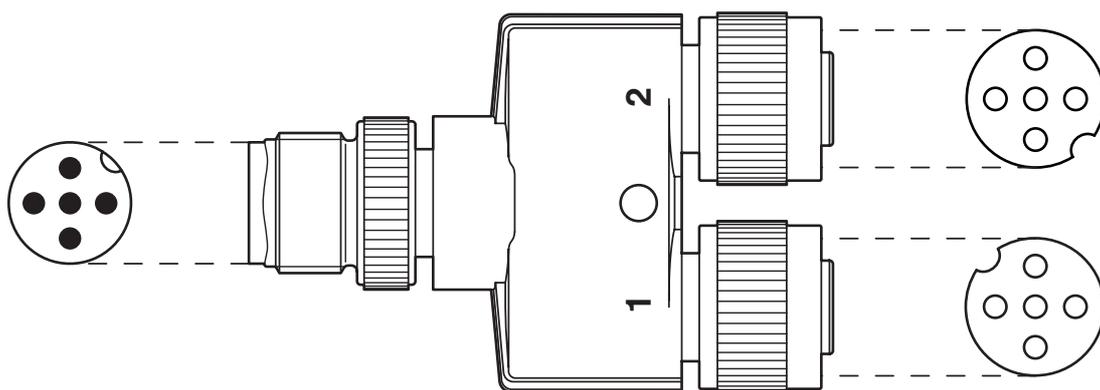Pin assignment M12 male connector, 5-pos., A-coded, male side

Schematic diagram
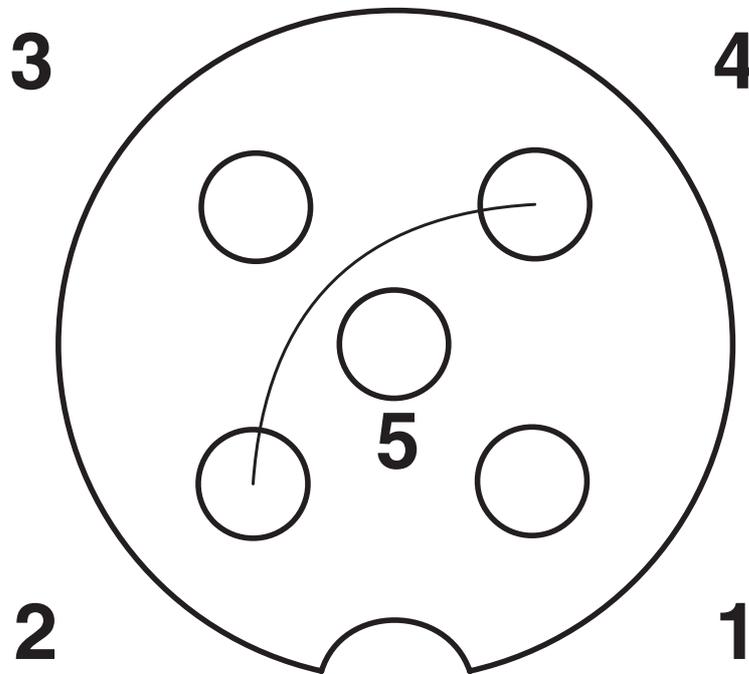
Pin assignment M12 socket, 5-pos., PIN 2+4 bridged, A-coded, socket side view

Schematic diagram

Layout of connector pin assignments
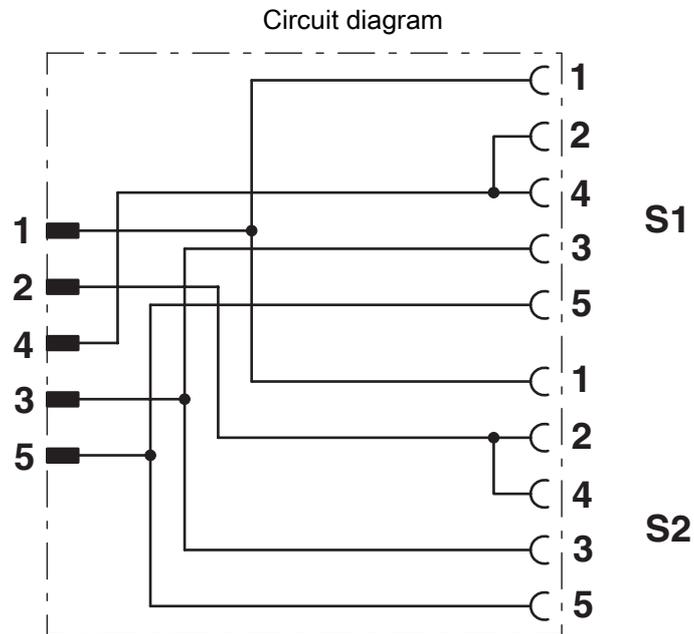
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Circuit diagram

Contact assignment of the M12 Y distributor

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1409204

UL Listed
Approval ID: E221474

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	30 V	4 A	-	-

cUL Listed
Approval ID: E221474

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	30 V	4 A	-	-

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Classifications

ECLASS

ECLASS-13.0	27440106
ECLASS-15.0	27440106

ETIM

ETIM 9.0	EC002925

UNSPSC

UNSPSC 21.0	31251500

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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%

EF3.0 Climate Change

CO2e kg	1.368 kg CO2e