

SAC-4P-M12Y/2XM12FS THFT - Sensor/actuator cable



1400575

<https://www.phoenixcontact.com/in/products/1400575>

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Y distributor, 4-pos., straight M12 plug on 2 x straight M12 socket, wiring as per customer specifications

Commercial data

Item number	1400575
Packing unit	5 pc
Minimum order quantity	250 pc
Sales key	BF1
Product key	AF1GAB
GTIN	4046356508186
Weight per piece (including packing)	28.11 g
Weight per piece (excluding packing)	26.1 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Product properties

Product type	Y-distributor
Number of positions	4
No. of cable outlets	2
Coding	A

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal current I_N	4 A

Signaling

Status display	no
Status display present	No

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
Number of positions	4
Coding type	A

Connection 2

Type	Socket straight M12
Number of positions	4
Coding type	A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
	IP68
Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)

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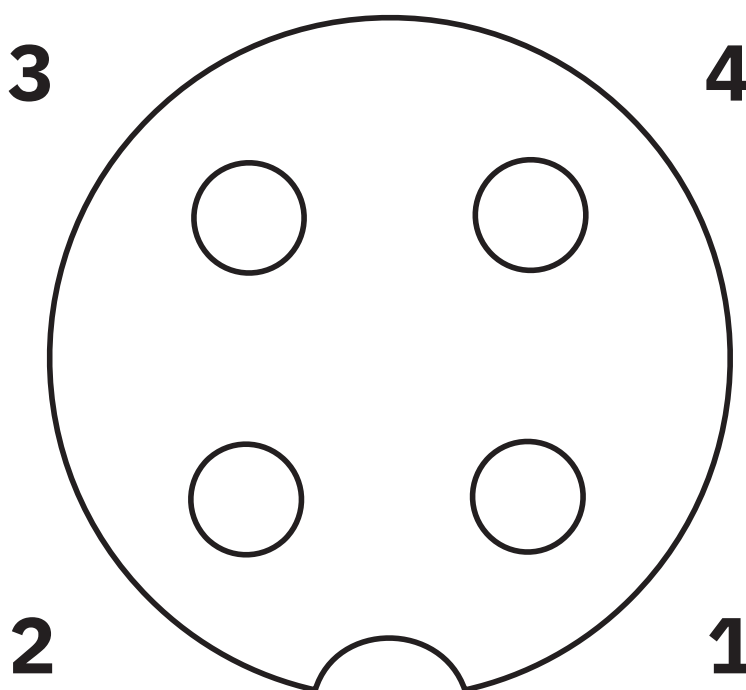


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Drawings

Schematic diagram



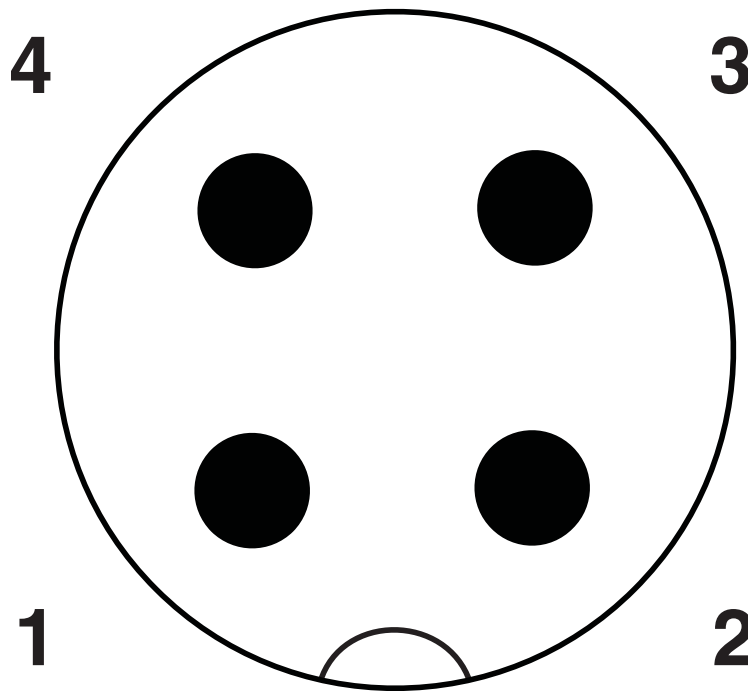
Pin assignment M12 socket, 4-pos., A-coded, view female side

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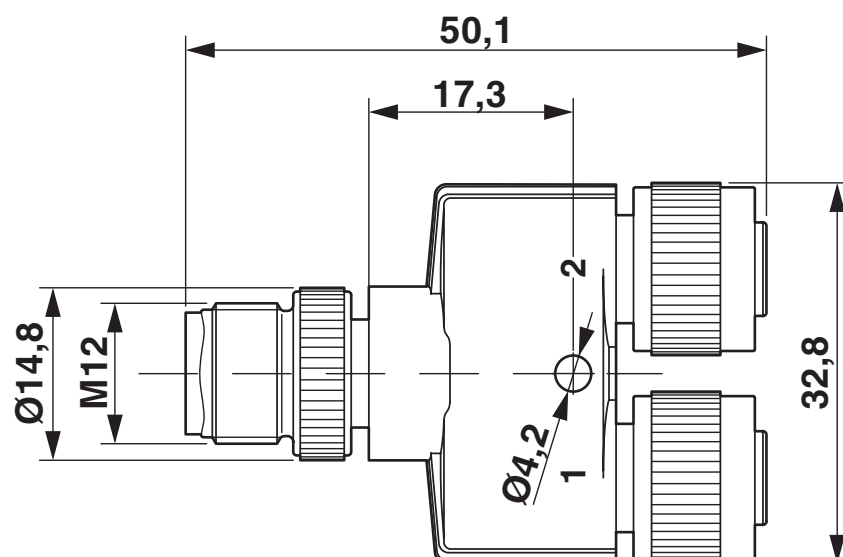
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Schematic diagram



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

Dimensional drawing



M12 Y distributor

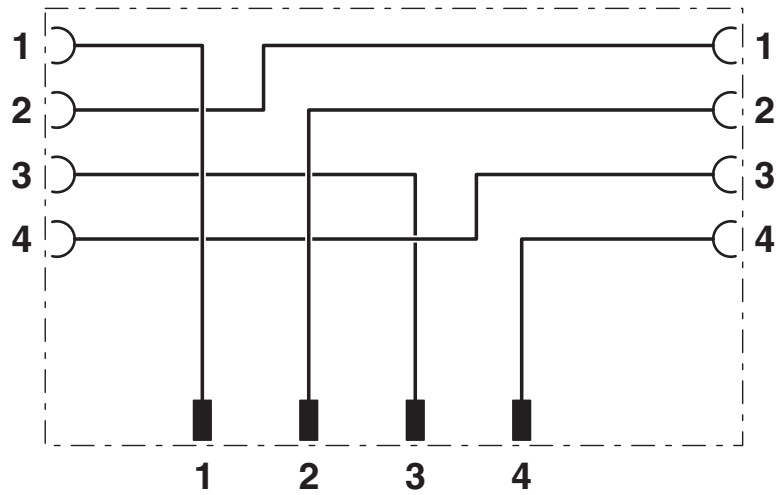
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Circuit diagram



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Classifications

ECLASS

ECLASS-11.0	27440106
ECLASS-12.0	27440106
ECLASS-13.0	27440106

ETIM

ETIM 9.0	EC002925
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UNSPSC

UNSPSC 21.0	31251500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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%
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PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

info@phoenixcontact.co.in