

SAC-4P-M12MS BR 2+4 - Sensor/actuator cable



1006850

<https://www.phoenixcontact.com/us/products/1006850>

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 documentation. Our general terms of use for downloads are valid.



Termination bridge M12 connector pin 2 to 4

Commercial data

Item number	1006850
Packing unit	1 pc
Minimum order quantity	100 pc
Product key	AF1GVX
GTIN	4055626479040
Weight per piece (including packing)	9.2 g
Weight per piece (excluding packing)	9.2 g
Country of origin	DE

SAC-4P-M12MS BR 2+4 - Sensor/actuator cable



1006850

<https://www.phoenixcontact.com/us/products/1006850>

Technical data

Product properties

Product type	Terminal resistor
Number of positions	4
Coding	A

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Nominal voltage U_N	250 V AC
	250 V DC

Signaling

Status display	no
Status display present	no

Material specifications

Flammability rating according to UL 94	HB
Material of grip body	TPU, hardly inflammable, self-extinguishing
Contact material	CuSn
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

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)

SAC-4P-M12MS BR 2+4 - Sensor/actuator cable

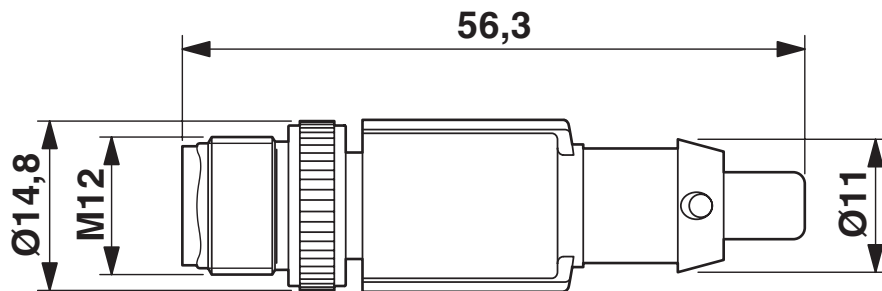


1006850

<https://www.phoenixcontact.com/us/products/1006850>

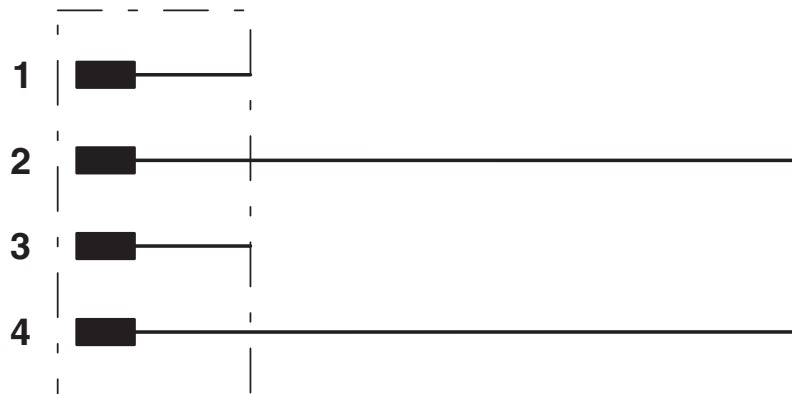
Drawings

Dimensional drawing



Plug, M12 x 1, straight

Circuit diagram



SAC-4P-M12MS BR 2+4 - Sensor/actuator cable



1006850

<https://www.phoenixcontact.com/us/products/1006850>

Classifications

ECLASS

ECLASS-13.0	19070403
ECLASS-15.0	19070403

UNSPSC

UNSPSC 21.0	31251501
-------------	----------

SAC-4P-M12MS BR 2+4 - Sensor/actuator cable



1006850

<https://www.phoenixcontact.com/us/products/1006850>

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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com