

SAC-3P-M 8MS/2,0-280/M8FS 0,34 - Sensor/actuator cable



1034008

<https://www.phoenixcontact.com/us/products/1034008>

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.



Sensor/actuator cable, 3-position, PUR halogen-free, gray RAL 7001, Plug straight M8, on Socket straight M8, cable length: 2 m

Commercial data

Item number	1034008
Packing unit	1 pc
Minimum order quantity	100 pc
Product key	AF1BBA
GTIN	4055626540757
Weight per piece (including packing)	62 g
Weight per piece (excluding packing)	62 g
Country of origin	PL

SAC-3P-M 8MS/2,0-280/M8FS 0,34 - Sensor/actuator cable



1034008

<https://www.phoenixcontact.com/us/products/1034008>

Technical data

Product properties

Product type	Sensor/actuator cable
Number of positions	3

Connector

Connection 1

Type	Plug straight M8
Number of positions	3

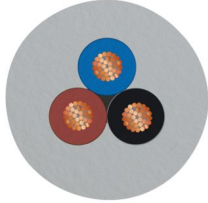
Connection 2

Type	Socket straight M8
Number of positions	3

Cable/line

Cable length	2 m
--------------	-----

PUR halogen-free gray [280]

Dimensional drawing	
Cable weight	23.42 kg/km
UL AWM Style	20549 / 10493 (80°C/300 V)
Shielded	no
Cable type	PUR halogen-free gray [280]
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor cross-section	3x 0.34 mm ² (Signal line)
Wire diameter incl. insulation	1.27 mm ±0.05 mm
External cable diameter	3.95 mm ±0.15 mm
Outer sheath, material	PUR
External sheath, color	gray RAL 7001
Conductor material	Bare Cu litz wires
Material wire insulation	PP
Single wire, color	brown, blue, black
Thickness, insulation	≥ 0.20 mm
Thickness, outer sheath	approx. 0.40 mm
Overall twist	3 wires, twisted

SAC-3P-M 8MS/2,0-280/M8FS 0,34 - Sensor/actuator cable



1034008

<https://www.phoenixcontact.com/us/products/1034008>

Max. conductor resistance	≤ 58 Ω/km
Insulation resistance	≥ 20 MΩ*km
Nominal voltage, cable	≤ 300 V
Test voltage	≥ 3000 V
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	20 mm
Smallest bending radius, movable installation	40 mm
Dynamic load capacity (bending)	Max. bending cycles: 10000000, Bending radius: 10 x D, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s ²
Halogen-free	in accordance with DIN VDE 0472 part 815 EN 50267-2-1
Flame resistance	in accordance with UL 758/1581 FT2 DIN EN 60332-2-2 (20 s)
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	Highly resistant to acids, alkaline solutions and solvents hydrolysis and microbe resistant partly UV-resistant (in accordance with DIN EN ISO 4892-2-A) Low adhesion abrasion-resistant
Special properties	Flexible cable conduit capable Silicone-free Free of substances which would hinder coating with paint or varnish flexible
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -25 °C ... 80 °C (Cable, flexible installation)

SAC-3P-M 8MS/2,0-280/M8FS 0,34 - Sensor/actuator cable



1034008

<https://www.phoenixcontact.com/us/products/1034008>

Classifications

ECLASS

ECLASS-13.0	27060311
ECLASS-15.0	27060311

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

SAC-3P-M 8MS/2,0-280/M8FS 0,34 - Sensor/actuator cable



1034008

<https://www.phoenixcontact.com/us/products/1034008>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	b5b5cd59-5d60-45e7-88e5-0a340b755860

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