

SAC-3P-M8MS/1,5-PUR/C-1L-Z - Cable



1404933

<https://www.phoenixcontact.com/us/products/1404933>

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.



Cable, straight M8 plug, A-coded, to valve connector C (8 mm), with 1 LED, connected to Z diode

Commercial data

Item number	1404933
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	AF1DNA
GTIN	4046356728416
Weight per piece (including packing)	57.3 g
Weight per piece (excluding packing)	57.3 g
Country of origin	PL

SAC-3P-M8MS/1,5-PUR/C-1L-Z - Cable



1404933

<https://www.phoenixcontact.com/us/products/1404933>

Technical data

Product properties

Product type	Sensor/actuator cable with valve connector
--------------	--

Electrical properties

Nominal voltage U_N	24 V AC
	24 V DC

Connector

Connection 1

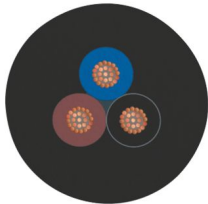
Type	Plug straight M8
Coding type	A

Connection 2

Type	Valve connector C (8 mm)
Protective circuit	Z diode

Cable/line

PUR halogen-free black [PUR]

Dimensional drawing	
Cable weight	23 kg/km
UL AWM Style	20549
Number of positions	3
Shielded	no
Cable type	PUR halogen-free black [PUR]
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 ±0.02 mm (Signal line)
External cable diameter	3.85 mm ±0.15 mm
Outer sheath, material	PUR
External sheath, color	black-gray RAL 7021
Conductor material	Bare Cu litz wires
Material wire insulation	PP
Single wire, color	brown, blue, black

SAC-3P-M8MS/1,5-PUR/C-1L-Z - Cable



1404933

<https://www.phoenixcontact.com/us/products/1404933>

Thickness, insulation	≥ 0.21 mm (Core insulation)
	approx. 0.50 mm (Outer cable sheath)
Overall twist	3 wires, twisted
Max. conductor resistance	max. 58 Ω/km (at 20 °C)
Insulation resistance	≥ 100 GΩ*km (at 20 °C)
Nominal voltage, cable	≤ 300 V
Test voltage	≥ 3000 V
Smallest bending radius, fixed installation	19 mm
Smallest bending radius, movable installation	38 mm
Dynamic load capacity (bending)	Max. bending cycles: 10000000, Bending radius: 38 mm, Bending radius: 10 x D, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s ²
Dynamic load capacity (torsion)	Torsion: ±180 °/m, Torsion cycles: ≥5000000, Torsional frequency: 35 cycles/min.
Halogen-free	in accordance with DIN VDE 0472 part 815
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)
Special properties	Flexible cable conduit capable
	Silicone-free
	Free of substances which would hinder coating with paint or varnish
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 80 °C (Cable, flexible installation)

SAC-3P-M8MS/1,5-PUR/C-1L-Z - Cable



1404933

<https://www.phoenixcontact.com/us/products/1404933>

Classifications

ECLASS

ECLASS-13.0	27060312
ECLASS-15.0	27060312

UNSPSC

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

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