

SAC-3P-10,0-280/A-2L-Z 0,3A - Sensor/actuator cable



1400806

<https://www.phoenixcontact.com/us/products/1400806>

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, free cable end, on Valve connector A, with 2 LEDs, cable length: 10 m

Commercial data

Item number	1400806
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF1DAA
GTIN	4046356510202
Weight per piece (including packing)	329.3 g
Weight per piece (excluding packing)	329.3 g
Country of origin	PL

SAC-3P-10,0-280/A-2L-Z 0,3A - Sensor/actuator cable



1400806

<https://www.phoenixcontact.com/us/products/1400806>

Technical data

Product properties

Product type	Sensor/actuator cable with valve connector
Number of positions	3

Electrical properties

Nominal voltage U_N	24 V AC
	24 V DC

Connector

Connection 1

Type	free cable end
------	----------------

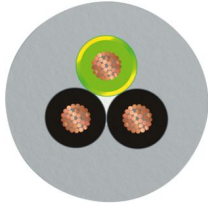
Connection 2

Type	Valve connector A
------	-------------------

Cable/line

Cable length	10 m
--------------	------

PUR halogen-free gray [280]

Dimensional drawing	
Cable weight	33.2 kg/km
UL AWM Style	20549
Number of positions	3
Shielded	no
Cable type	PUR halogen-free gray [280]
Conductor structure signal line	28x 0.15 mm
AWG signal line	20
Conductor cross-section	3x 0.5 mm ² (Signal line)
Wire diameter incl. insulation	1.5 mm ±0.05 mm (Signal line)
External cable diameter	4.50 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	gray RAL 7001
Conductor material	Bare Cu litz wires
Material wire insulation	PP
Single wire, color	black 1, black 2, green/yellow

SAC-3P-10,0-280/A-2L-Z 0,3A - Sensor/actuator cable



1400806

<https://www.phoenixcontact.com/us/products/1400806>

Overall twist	Wires twisted in layers
Max. conductor resistance	39 Ω /km (at 20 °C)
Insulation resistance	≥ 20 M Ω *km
Nominal voltage, cable	300 V
Test voltage	1200 V
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	22.5 mm
Dynamic load capacity (bending)	Max. bending cycles: 15000000, Bending radius: 50 mm, Traversing path: 0.9 m, Traversing rate: 5 m/s, Acceleration: 30 m/s ²
Halogen-free	in accordance with DIN VDE 0472 part 815
Flame resistance	according to DIN VDE 0482 According to DIN EN 50265-2-1
Resistance to oil	in accordance with DIN EN 60811-2-1
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -20 °C ... 80 °C (Cable, flexible installation)

SAC-3P-10,0-280/A-2L-Z 0,3A - Sensor/actuator cable



1400806

<https://www.phoenixcontact.com/us/products/1400806>

Classifications

ECLASS

ECLASS-13.0	27060312
ECLASS-15.0	27060312

SAC-3P-10,0-280/A-2L-Z 0,3A - Sensor/actuator cable



1400806

<https://www.phoenixcontact.com/us/products/1400806>

Environmental product compliance

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.)	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