

# SAC-3P- 7,0-PUO/A OD - Sensor/actuator cable



1426494

<https://www.phoenixcontact.com/us/products/1426494>

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Sensor/actuator cable, 3-position, PUR halogen-free, black RAL 9005, free cable end, on Valve connector A, cable length: 7 m, for outdoor applications

## Commercial data

Item number	1426494
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	AF1DAA
GTIN	4055626461229
Weight per piece (including packing)	333.5 g
Weight per piece (excluding packing)	325.85 g
Customs tariff number	85444290
Country of origin	PL

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## Technical data

### Product properties

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

### Electrical properties

Nominal voltage $U_N$	24 V DC
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### Connector

#### Connection 1

Type	free cable end
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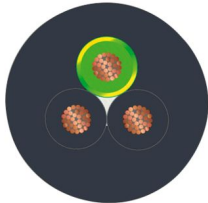
#### Connection 2

Type	Valve connector A
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### Cable/line

Cable length	7 m
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#### PUR halogen-free black [PUO]

Dimensional drawing	
Number of positions	3
Shielded	no
Cable type	PUR halogen-free black [PUO]
Conductor structure signal line	16x 0.20 mm
AWG signal line	20
Conductor cross-section	3x 0.5 mm <sup>2</sup>
Wire diameter incl. insulation	2 mm ±0.05 mm
External cable diameter	5.90 mm ±0.1 mm
Outer sheath, material	PUR
External sheath, color	black RAL 9005
Conductor material	Tin-plated Cu litz wires
Material wire insulation	PP
Single wire, color	black 1, black 2, green/yellow
Overall twist	3 wires, twisted
Max. conductor resistance	≤ 40.1 Ω/km
Insulation resistance	70 GΩ*km

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Nominal voltage, cable	300 V
Test voltage Core/Core	3000 V (Spark test)
Minimum bending radius, fixed installation	10 x D
Minimum bending radius, flexible installation	15 x D
Smallest bending radius, fixed installation	59 mm
Smallest bending radius, movable installation	89 mm
Halogen-free	in accordance with DIN VDE 0472 part 815
	in accordance with EN 50267-2-1
Resistance to oil	According to DIN EN 50306
	According to DIN EN 60811-2-1, 138 h at 100°C
Other resistance	UV resistant
	hydrolysis and microbe resistant
	Good resistance to aggressive media
Ambient temperature (operation)	-40 °C ... 105 °C (cable, fixed installation)
	-15 °C ... 105 °C (Cable, flexible installation)

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## Classifications

### ECLASS

ECLASS-13.0	27060312
ECLASS-15.0	27060312

### UNSPSC

UNSPSC 21.0	31251501
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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-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%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)