

SAC-8P-MR/ 3,0-285/FR SH SCO - Sensor/actuator cable

1403485
<https://www.phoenixcontact.com/us/products/1403485>

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Sensor/actuator cable, PUR, highly flexible, gray RAL 7001, shielded, cable length: 3 m

Commercial data

Item number	1403485
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	AF1CMA
GTIN	4046356655682
Weight per piece (including packing)	266.6 g
Weight per piece (excluding packing)	263.2 g
Country of origin	PL

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Technical data

Product properties

Product type	Sensor/actuator cable
Shielded	yes

Electrical properties

Nominal voltage U_N	30 V AC
	30 V DC

Cable/line

Cable length	3 m
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PUR, gray, shielded [285]

Dimensional drawing	
Number of positions	8
Shielded	yes
Cable type	PUR, gray, shielded [285]
Conductor structure signal line	32x 0.10 mm
AWG signal line	24
Conductor cross section	4x 2x 0.25 mm ² (Signal line) 1x 0.25 mm ² (Drain wire)
External cable diameter	7.60 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	gray RAL 7001
Conductor material	Bare Cu litz wires
Material wire insulation	PES
Single wire, color	white-brown, green-yellow, gray-pink, blue-red
Twisted pairs	2 cores to the pair
Overall twist	4 pairs for core
Optical shield covering	85 %
Insulation resistance	≥ 100 MΩ*km
Nominal voltage, cable	350 V
Test voltage	1200 V
Minimum bending radius, flexible installation	7.5 x D
Smallest bending radius, movable installation	57 mm
Dynamic load capacity (bending)	Max. bending cycles: 3000000, Bending radius: 100 mm,

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	Traversing path: 1.2 m, Traversing rate: 1.4 m/s, Acceleration: 2 m/s ²
Resistance to oil	very good oil and chemical resistance
Other resistance	Ozone and UV resistant
	Low adhesion
	abrasion-resistant
	notch tough
Ambient temperature (operation)	-50 °C ... 80 °C (cable, fixed installation)
	-40 °C ... 80 °C (Cable, flexible installation)

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Classifications

ECLASS

ECLASS-13.0	27060311
ECLASS-15.0	27060311

ETIM

ETIM 9.0	EC001855
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UNSPSC

UNSPSC 21.0	26121600
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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: n/a)
SCIP	f59a53ce-e761-478d-8e41-1a3f74680662

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