

SAC-3P-100,0-PVC/1,5-PE - Sensor/actuator cable



1627312

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By the meter, Sensor/actuator cable, PVC, black, 3-wire, color single wire: black 1, black 2, green/yellow, cable length: 100 m

Commercial data

Item number	1627312
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRGCA
GTIN	4055626300450
Weight per piece (including packing)	8,289 g
Weight per piece (excluding packing)	8,289 g
Country of origin	DE

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Technical data

Product properties

Application	Connector
Number of positions	3
Shielded	no

Electrical properties

Max. conductor resistance	13.3 Ω /km
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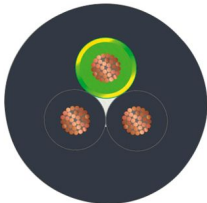
Material specifications

Outer sheath, material	PVC
Conductor material	Bare Cu litz wires

Cable/line

Cable length	100 m
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PVC black [PVC]

Dimensional drawing	
Cable weight	80 kg/km
UL AWM Style	2517 (105 °C / 300 V)
Number of positions	3
Shielded	no
Cable type	PVC black [PVC]
Conductor structure, voltage supply	30x 0.25 mm
AWG power supply	16
Conductor cross section	3x 1.5 mm ²
Wire diameter incl. insulation	2.4 mm $\pm$ 0.1 mm
External cable diameter	6.80 mm $\pm$ 0.2 mm
Outer sheath, material	PVC
External sheath, color	black
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	black 1, black 2, green/yellow
Overall twist	3 wires, twisted
Max. conductor resistance	$\leq$ 13.3 Ω /km (at 20 °C)
Insulation resistance	$\geq$ 10 M Ω *km (at 20 °C)

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Nominal voltage, cable	300 V AC
Test voltage	2000 V AC
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	12 x D
Smallest bending radius, fixed installation	34 mm
Smallest bending radius, movable installation	82 mm
Flame resistance	according to IEC 60332-1
	According to DIN EN 60332-1-2
	According to VW-1
	According to FT1
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	-5 °C ... 90 °C (Cable, flexible installation)

Standards and regulations

Flame resistance	according to IEC 60332-1
	According to DIN EN 60332-1-2
	According to VW-1
	According to FT1

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Classifications

ETIM

ETIM 8.0	EC003249
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UNSPSC

UNSPSC 21.0	26121600
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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-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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