

# SAC-6P- 5,0-PVC/M 8FS - Sensor/actuator cable



1037500

<https://www.phoenixcontact.com/us/products/1037500>

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Sensor/actuator cable, 6-position, PVC, black RAL 9005, free cable end, on Socket straight M8, cable length: 5 m

## Commercial data

Item number	1037500
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	AF1BGA
GTIN	4055626570563
Weight per piece (including packing)	210.9 g
Weight per piece (excluding packing)	210.9 g
Country of origin	PL

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## Technical data

### Product properties

Product type	Sensor/actuator cable
Number of positions	6

### Connector

#### Connection 1

Type	free cable end
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#### Connection 2

Type	Socket straight M8
Number of positions	6

### Cable/line

Cable length	5 m
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#### PVC black [PVC]

Cable weight	41 kg/km
Number of positions	6
Shielded	no
Cable type	PVC black [PVC]
Conductor structure signal line	32x 0.10 mm
AWG signal line	24
Conductor cross-section	6x 0.25 mm <sup>2</sup> (Signal line)
Wire diameter incl. insulation	1.19 mm ±0.02 mm
External cable diameter	5 mm
Outer sheath, material	PVC
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, white, green, yellow, gray, pink
Thickness, insulation	≥ 0.23 mm (Core insulation)
Overall twist	Six cores around the filler to the core
Max. conductor resistance	≤ 78 Ω/km
Insulation resistance	≥ 1 GΩ*km
Nominal voltage, cable	300 V
Test voltage	3000 V
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation) -5 °C ... 80 °C (Cable, flexible installation)

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## Classifications

### ECLASS

ECLASS-13.0	27060311
ECLASS-15.0	27060311

### 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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