

# SAC-8P- 3,0-PVC/M12FS SH VA - Sensor/actuator cable



1037676

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Sensor/actuator cable, 8-position, PVC, black RAL 9005, shielded, free cable end, on Socket straight M12, coding: A, cable length: 3 m

## Commercial data

Item number	1037676
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	AF1CMA
GTIN	4055626571300
Weight per piece (including packing)	279.1 g
Weight per piece (excluding packing)	286.6 g
Country of origin	PL

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## Technical data

### Product properties

Product type	Sensor/actuator cable
Number of positions	8
Shielded	yes

### Connector

#### Connection 1

Type	free cable end
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#### Connection 2

Type	Socket straight M12
Number of positions	8
Coding type	A

### Cable/line

Cable length	3 m
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#### PVC black [PVC]

Dimensional drawing	
Note	The cable is not suitable for use with drag chains.
Cable weight	85 kg/km
UL AWM Style	2517
Number of positions	8
Shielded	yes
Cable type	PVC black [PVC]
Conductor structure signal line	32x 0.10 mm
AWG signal line	24
Conductor cross-section	8x 0.25 mm <sup>2</sup> (Signal line)
Wire diameter incl. insulation	1.5 mm ±0.05 mm (Signal line)
External cable diameter	7.70 mm ±0.2 mm
Outer sheath, material	PVC
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material, filler	PVC
Material wire insulation	PVC

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Single wire, color	white, brown, green, yellow, gray, pink, blue, red
Thickness, insulation	≥ 0.38 mm (Conductor insulation, signal line) ≥ 0.76 mm (Outer cable sheath)
Overall twist	8 wires around filler to the core, twisted in with additional Cu litz in the wire outer godet
Optical shield covering	85 %
Max. conductor resistance	≤ 78 Ω/km
Insulation resistance	≥ 10 GΩ*km
Nominal voltage, cable	300 V
Test voltage	3000 V
Smallest bending radius, fixed installation	38.5 mm
Smallest bending radius, movable installation	77 mm
Flame resistance	According to UL 758/1581 (Cable Flame) According to DIN EN 60332-1-2 (60 s)
Resistance to oil	According to DIN EN 60811-2-1, 168 h at 80°C
Ambient temperature (operation)	-25 °C ... 105 °C (cable, fixed installation)

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## Approvals

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 <b>UL Listed</b> Approval ID: FILE E 221474				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	30 V	2 A	-	-

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## Classifications

### ECLASS

ECLASS-13.0	27060311
ECLASS-15.0	27060311

### ETIM

ETIM 10.0	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, 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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