

Sensor/Actuator cable - SAC-8P-100,0-PVC/SH-0,25 - 1550708

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Cable ring, PVC, black, 8-pos. shielded, conductor colors: White / brown / green / yellow / gray / pink / blue / red, cable length: 100 m



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 170512
Weight per Piece (excluding packing)	6608.0 g
Custom tariff number	85444995
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length of cable	100 m
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General

Number of positions	8
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Cable

Note	The cable is not suitable for use with drag chains.
Cable type	PVC black
Cable type (abbreviation)	PVC
Cable abbreviation	LiYF-C-Y
Conductor cross section	8x 0.25 mm ² (signal line)
AWG signal line	24
Conductor structure signal line	32x 0.10 mm
Core diameter including insulation	1.5 mm ±0.05 mm (signal line)
Thickness, insulation	≥ 0.38 mm (Conductor insulation, signal line)
	≥ 0.76 mm (Outer cable sheath)
Wire colors	white, brown, green, yellow, gray, pink, blue, red

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Technical data

Cable

Overall twist	8 wires around filler to the core, twisted in with additional Cu litz in the wire outer godet
Shielding	Tinned copper braided shield
Optical shield covering	85 %
External sheath, color	Black RAL 9005
External cable diameter D	7.7 mm ±0.2 mm
Smallest bending radius, fixed installation	38.5 mm
Smallest bending radius, movable installation	77 mm
Cable weight	85 kg/km
Outer sheath, material	PVC
Material, filler	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 10 GΩ*km
Conductor resistance	≤ 78 Ω/km
Nominal voltage, cable	300 V
Test voltage, cable	3000 V
Ambient temperature (operation)	-25 °C ... 105 °C (cable, fixed installation)

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27062011

ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

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Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Listed 	
Nominal current I _N	2 A
Nominal voltage U _N	30 V

cUL Listed 	
Nominal current I _N	2 A
Nominal voltage U _N	30 V

EAC

cULus Listed 
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Accessories

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Stripping tool

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Accessories

Stripping tool - WIREFOX SAC - 1212623



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length