

## Cable - SAC-5P-100,0-923 - 1400493

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Cable ring, DeviceNet™/CANopen, 4-wire, shielded, PUR halogen-free, grey outer sheath, 2 x 0.34 mm<sup>2</sup>; 2 x 0.25 mm<sup>2</sup>, cable length: 100 m

### Key commercial data

Packing unit	0
Minimum order quantity	1
GTIN	 4 046356 497626
Custom tariff number	85444995
Country of origin	GERMANY

### Technical data

#### General data

Number of positions	4
Length of cable	100 m

#### Conductor data

Cable type	CAN Bus/DeviceNet
Cable type (abbreviation)	923
Conductor cross section	2x 0.2 mm <sup>2</sup> (signal line)
Conductor cross section	2x 0.32 mm <sup>2</sup> (Power supply)
Conductor cross section	1x 0.32 mm <sup>2</sup> (Drain wire)
AWG signal line	24
AWG power supply	22
Conductor structure signal line	19x 0.12 mm
Conductor structure, voltage supply	19x 0.15 mm
Core diameter including insulation	2.05 mm ±0.1 mm (signal line)
Core diameter including insulation	1.4 mm ±0.05 mm (Power supply)
External cable diameter	6.70 mm
Wire colors	Red-black, blue-white
External sheath, color	Gray RAL 7001
Insulation resistance	≥ 5 GΩ*km (signal line)
Insulation resistance	≥ 100 MΩ*km (Power supply)
Conductor resistance	≤ 78.4 Ω/km (signal line)

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## Technical data

### Conductor data

Conductor resistance	≥ 51.6 Ω/km (Power supply)
Working capacitance	39.3 pF (Signal line, Core-Core)
Working capacitance	78.7 pF (Signal line, Core-Shield)
Nominal voltage, conductor	30 V (signal line)
Nominal voltage, conductor	300 V (Power supply)
Test voltage, conductor	1500 V (signal line)
Test voltage, conductor	2000 V (Power supply)
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	2 pairs around a drain wire in the center to the core
Shielding	Tinned copper braided shield
Optical shield covering	70 %
Outer sheath, material	PUR
Material conductor insulation	PE (Power supply)
Material conductor insulation	Foamed PE (signal line)
Conductor material	Tin-plated Cu litz wires
Smallest bending radius, fixed installation	67 mm
Smallest bending radius, movable installation	67 mm
Number of bending cycles	5000000
Bending radius	67 mm
Traversing path	10 m
Traversing rate	3 m/s
Acceleration	7 m/s <sup>2</sup>
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
Ambient temperature (operation)	-20 °C ... 75 °C (cable, flexible installation)
Halogen-free	complying with IEC 60754-1/2

## Classifications

### eclass

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

### etim

ETIM 3.0	EC001855
ETIM 4.0	EC001855

### unspsc

UNSPSC 6.01	31251501
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### Classifications

#### unspsc

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

### Accessories

#### Accessories

#### Tools

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