

1416670

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Bus system cable, DeviceNet™, 5-position, PVC, gray, shielded (Tinned copper braided shield), Plug angled 7/8"-16UNF, on Socket angled 7/8"-16UNF, cable length: 2 m

Commercial data

Item number	1416670
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF14
Product key	BF1IMD
GTIN	4055626219332
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85444290
Country of origin	MX

SAC-5P-MINMR/ 2,0-U40/MINFR - Bus system cable



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Technical data

Notes

Trade restriction

CE note	The products are offered exclusively for export outside the EU and the European Economic Area.
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Product properties

Product type	Sensor/actuator cable
Sensor type	DeviceNet™
Number of positions	5
Application	Standard
Shielded	yes
Coding	A

Material specifications

Flammability rating according to UL 94	V-0
Material of grip body	PVC
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PVC
Material for screw connection	Anodized aluminum

Electrical properties

Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	300 V AC
	300 V DC
Nominal current I _N	8 A
Protective circuit	unwired

Signaling

Status display	No
Status display present	No

Connection data

Conductor connection

Tightening torque	10 lb _F -in.
	1.12 Nm

Pin assignment

Contact Color (signal designation) Contact (optional)	1 (Plug) SR (shield) 1 (Socket)
	2 (Plug) RD (V+) 2 (Socket)
	3 (Plug) BK (V-) 3 (Socket)
	4 (Plug) WH (CAN_H) 4 (Socket)

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5 (Plug) | BU (CAN_L) | 5 (Socket)

Connector

Connection 1

Type	Plug angled 7/8"-16UNF
Number of positions	5

Connection 2

Type	Socket angled 7/8"-16UNF
Number of positions	5

Cable/line

Cable length	2 m
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DeviceNet trunk cable [U40]

Number of positions	5
Shielded	yes
Cable type	DeviceNet trunk cable [U40]
Conductor structure signal line	19 x AWG 30
Conductor cross section	2 x AWG 18 data cable
	2 x AWG 15 power supply
	1 x AWG 18 drain wire
External cable diameter	11.43 mm
Outer sheath, material	PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Material wire insulation	Foamed PE
	PVC (Power supply)
Single wire, color	red-black, blue-white
Twisted pairs	2 cores to the pair
Type of pair shielding	Plastic-coated aluminum foil, aluminum side outside
Overall twist	2 pairs around a drain wire in the center to the core
Optical shield covering	65 %
Flame resistance	UL 1581, FT4
Resistance to oil	OIL RES I according to UL 2256
Other resistance	UV resistant (720 h) (UL 2556)
Ambient temperature (operation)	-20 °C ... 75 °C (cable, fixed installation)
	-5 °C ... 80 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68
Ambient temperature (operation)	-20 °C ... 75 °C (Plug / socket)
	-20 °C ... 75 °C (cable, fixed installation)

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	-5 °C ... 80 °C (Cable, flexible installation)
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Standards and regulations

Other resistance	UL 2556
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com