INDUSTRIAL COMPONENT DATA

SAC-2P-100,0-913 1416130 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-100,0-913



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-100,0-913
Catalog number	1416130
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-58CD8895BF
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Product Overview

Bus system cable
Bus system cable, PROFIBUS PA (31.25 kBit/s), FOUNDATION Fieldbus (31.25 kBit/s), 2-pole, shielded, cable length: 100 m
Bus system cable, PROFIBUS PA (31.25 kbps), FOUNDATION Fieldbus (31.25 kbps), 2-position, PVC, black, shielded, cable length: 100 m

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Technical dataProduct propertiesProduct type Data cable by the meter
Sensor type PROFIBUS PA
Number of positions 2
Shielded yes
Electrical propertiesTransmission medium Copper
InterfacesSignal type/category PROFIBUS PA, 31.25 kbps
FOUNDATION Fieldbus, 31.25 kbps
Cable/lineCable length 100 m
PROFIBUS PA [913]
UL AWM Style 2464
Number of positions 2

Shielded yes
Cable type PROFIBUS PA [913]
Conductor structure 2xAWG18/7 + 1xAWG20/7
Signal speed 0.77 c
Conductor structure signal line 7x 0.40 mm
AWG signal line 18
Conductor cross section 2x 0.75 mm² (Signal line)
1x 0.5 mm² (Drain wire)
Wire diameter incl. insulation 2.5 mm ±0.05 mm
External cable diameter 7.80 mm
Outer sheath, material PVC
External sheath, color black
Conductor material Tin-plated Cu litz wires
Material wire insulation Foamed PE
Single wire, color red, green
Thickness, insulation 0.65 mm
Thickness, outer sheath 1.00 mm
Twisted pairs 2 cores to the pair
Overall twist One pair with one drain wire and fillers for core
Optical shield covering 70 %
Max. conductor resistance 20.5 ?/km (Signal line)
9 ?/km (shield)
Cable capacity 80 nF/km (Line-line)
4 nF/km (Line-shield)
Cable impedance 100 ? ±20 % (At 31.25 kHz)
Nominal voltage, cable 300 V
Tensile strength 80 N
Flame resistance according to IEC 60332-1
Resistance to oil According to ICEA S82-552
Other resistance UV resistant (according to UL 1581, Section 1200)
Ambient temperature (operation) -30 °C ... 75 °C
Ambient temperature (installation) -5 °C ... 80 °C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-100,0-913 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES
Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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