INDUSTRIAL COMPONENT DATA

SAC-2PY-M/0,23-910-F/0,2SHSCO 1447044 PHOENIX CONTACT Bus system cable, PROFIBUS, 2-pos., PUR, halogen free,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2PY-M/0,23-910-F/0,2SHSCO

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2PY-M/0,23-910-F/0,2SHSCO
Catalog number	1447044
Category	Data cable
Minimum order	50 Pcs
Document ID	EO-2783F3DC45
Generated	2026-11-19

Product Overview

Bus system cable, PROFIBUS, 2-pos., PUR, halogen free, violet RAL 4001, shielded, straight M12 SPEEDCON plug, B-coded, to straight M12 SPEEDCON socket, B-coded and free cable end, cable length S1: 0.23 m, cable length S2: 0.2 m Cable for bus system, PROFIBUS, 2 poles, halogen-free PUR, violet RAL 4001, shielded, straight male connector SPEEDCON M12, codif. B, a straight connection female SPEEDCON M12, codif. B and free cable end, cable length S1: 0.23 m, cable length S2: 0.2 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

Key Commercial Data
Orderkey 1447044
Packing unit 1
GTIN 4046356694650
Custom tariff number 85444290
Drawings
Cable
Classifications
General

Environmental Product Compliance
Drawings
Cable cross section
PROFIBUS [910]
Back to topGeneral
Rated voltage 48 V AC
60 V DC
Back to topCable
Cable type PROFIBUS
Cable type (abbreviation) 910
UL AWM style 21198 (80°C/300 V)
Cable structure 1x2xAWG24/19
Conductor cross section 2x 0.25 mm² (Signal line)
AWG signal line 24
Conductor structure signal line 19x 0.13 mm
Core diameter including insulation 2.55 mm ±0.07 mm
Wire colors Red, green
Overall twist 2 cores with 2 fillers to the core
Shielding Plastic-coated aluminum foil, tinned copper braided shield
Optical shield covering 85 %
External sheath, color violet RAL 4001
External cable diameter D 7.8 mm ±0.2 mm
Smallest bending radius, fixed installation 40 mm
Smallest bending radius, movable installation 65 mm
Number of bending cycles 4000000
Bending radius 65 mm
Traversing path 4.5 m
Traversing rate 3 m/s
Acceleration 3 m/s²
Number of bending cycles 5000000
Bending radius 80 mm
Traversing path 4.5 m
Traversing rate 3 m/s
Acceleration 3 m/s²
Cable weight 90 kg/km
Outer sheath, material PUR
Material, filler PP
Material conductor insulation Foam-Skin PP
Conductor material Tin-plated Cu litz wires
Insulation resistance >= 5 G?*km
Conductor resistance <= 78.6 ?/km
Cable capacity nom. 30 pF/m
Wave impedance 150 ? ±10 % (3 MHz ... 20 MHz)
Attenuation <= 0.049 dB/m (at 16 MHz)
Nominal voltage, cab...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2PY-M/0,23-910-F/0,2SHSCO 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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