

INDUSTRIAL COMPONENT DATA

SAC-2PY-M/0,53-910-F/0,2SHSCO 1447060 PHOENIX CONTACT Bus system cable, PROFIBUS, 2-pos., PUR, halogen free,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2PY-M/0,53-910-F/0,2SHSCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2PY-M/0,53-910-F/0,2SHSCO
Catalog number	1447060
Category	Data cable
Minimum order	50 Pcs
Document ID	EO-0B048FD837
Generated	2026-08-05

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: 0.53 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: 0.53 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 1447060
Packing unit 1
GTIN 4046356694674
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 $\geq 5 \text{ G}\cdot\text{km}$

Conductor resistance $\leq 78.6 \text{ }\Omega/\text{km}$

Cable capacity nom. 30 pF/m

Wave impedance 150 $\Omega \pm 10 \%$ (3 MHz ... 20 MHz)

Attenuation $\leq 0.049 \text{ dB/m}$ (at 16 MHz)

Nominal voltage, cab...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2PY-M/0,53-910-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.