INDUSTRIAL COMPONENT DATA

SAC-5P-2,0-921 /M12FS 1424429 PHOENIX CONTACT Bus system cable SAC-5P-2,0-921 /M12FS 1424429

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-2,0-921 /M12FS

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-2,0-921 /M12FS
Catalog number	1424429
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-81BC0BD315
Generated	2026-11-19

Product Overview

Bus system cable - SAC-5P-2,0-921 /M12FS - 1424429

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

Bus system cable, CANopen®, 5-position, PUR halogen-free, black RAL 9005, cable length: 2 m
Key Commercial Data
Orderkey 1424429
Packing unit 1
GTIN 4055626372297
Custom tariff number 85444290
Dimensions
Length of cable 2 m
General
Rated voltage 48 V AC
60 V DC
Number of positions 5
Signal type/category CANopen®
Cable
Cable type CAN bus/DeviceNet™, black

Cable type (abbreviation) 921
UL AWM style 21198 (80°C/300 V)
Cable structure 2xAWG24/19+2xAWG22/19
Conductor cross section 2x 0.25 mm² (Data cable)
2x 0.34 mm² (Power supply)
1x 0.34 mm² (Drain wire)
AWG signal line 24
AWG power supply 22
Conductor structure signal line 19x 0.13 mm
Conductor structure, voltage supply 19x 0.15 mm
Core diameter including insulation 1.95 mm ±0.05 mm (Data cable)
1.4 mm ±0.05 mm (Power supply)
Wire colors 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
Shielding Tinned copper braided shield
Optical shield covering 80 %
External sheath, color black RAL 9005
External cable diameter D 6.7 mm ±0,3 mm
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Number of bending cycles 5000000
Bending radius 70 mm
Minimum bending radius, drag chain applications 10 x D
Traversing path 4.5 m
Traversing rate 3 m/s
Acceleration 3 m/s²
Cable weight 90 kg/km
Outer sheath, material PUR
Material conductor insulation Fo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-2,0-921 /M12FS 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.