INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 5,0-927 VA 1402941 PHOENIX CONTACT 5-pos. cable, black PVC, shielded, shielded plug, straight ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 5,0-927 VA

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 5,0-927 VA
Catalog number	1402941
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-33EAFF499B
Generated	2026-11-19

Product Overview

5-pos. cable, black PVC, shielded, shielded plug, straight M12, A-coded, on free cable end with VA knurl, length: 5 m
5-pole cable, black shielded PVC, straight shielded maleM12, A-coded, free cable end with VA knurling, length: 5 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 preassembled
Number of positions 5
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Cable/lineCANopen®/DeviceNet™, PVC, black [927]
Cable weight 83 kg/km
UL AWM Style 2464 (80°C/300 V)
Number of positions 4
Shielded yes
Cable type CANopen®/DeviceNet™, PVC, black [927]
Signal runtime 4.46 ns/m
Conductor structure signal line 44x 0.10 mm
AWG signal line 22
Conductor cross section 2x 0.34 mm² (Signal line)

2x 0.34 mm² (Power supply)
1x 0.38 mm² (Drain wire)
Wire diameter incl. insulation 2.55 mm (Signal line)
1.37 mm (Power supply)
External cable diameter 8.30 mm ±0.3 mm
Outer sheath, material PVC
External sheath, color black
Conductor material Tin-plated Cu litz wires
Material wire insulation Foamed PP (Signal line)
PVC (Power supply)
Single wire, color red-black, blue-white
Thickness, insulation >= 0.30 mm (Wire insulation power supply)
Thickness, outer sheath >= 1.00 mm
Twisted pairs 2 cores to the pair
Type of pair shielding Aluminum-lined polyester foil
Overall twist 2 pairs with filler elements, around a drain wire in the center to the core
Optical shield covering 85 %
Max. conductor resistance <= 56 ?/km
Insulation resistance >= 20 M?*km
Wave impedance 120 ? ±12 ? (f = 1 MHz)
Working capacitance approx. 39.8 nF (Signal line, line-line)
<= 4000 pF (Signal line, line-shield)
Nominal voltage, cable <= 300 V
Test voltage 2000 V (50 Hz, 1 min.)
Minimum bending radius, fixed installation 4 x D
Minimum bending radius, fle...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 5,0-927 VA 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.