INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/40-28X/M12FSSHOD 1412516 PHOENIX CONTACT Sensor/actuator cable SAC-8P-M12MS/40-28X/M12FSSHOD 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/40-28X/M12FSSHOD

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/40-28X/M12FSSHOD
Catalog number	1412516
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-60FE2A4B65
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-M12MS/40-28X/M12FSSHOD - 1412516
Sensor/actuator cable, 8-pole, halogen-free PE-X/PE-X, greyish black RAL 7021, shielded, M12 straight male connector, encoding: A, to M12 straight connection female, encoding: A, cable length: 40 m, for outdoor applications
Sensor/actuator cable, 8-position, PE-X/PE-X halogen-free, black-gray RAL 7021, shielded, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 40 m, for outdoor applications

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 Sensor/actuator cable
Number of positions 8
Electrical propertiesNominal voltage UN 30 V AC
30 V DC
ConnectorConnection 1
Type Plug straight M12
Number of positions 8
Coding type A
Connection 2

Type Socket straight M12
Number of positions 8
Coding type A
Cable/lineCable length 40 m
PE-X black [28X]
Dimensional drawing
Cable weight 81 kg/km
Number of positions 8
Shielded yes
Cable type PE-X black [28X]
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 8x 0.25 mm²
Wire diameter incl. insulation 1.17 mm ±0.02 mm
External cable diameter 7.25 mm ±0.3 mm
Outer sheath, material PE-X
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material, filler PP yarn
Material wire insulation PE-X
Single wire, color white, brown, green, yellow, gray, pink, blue, red
Thickness, insulation approx. 0.25 mm (Core insulation)
Inner sheath thickness approx. 0.50 mm
Thickness, outer sheath approx. 0.70 mm
Overall twist 8 wires around filler to the core
Length of twist, overall twist 67 mm
Optical shield covering 85 %
Max. conductor resistance <= 78 ?/km (at 20 °C)
Insulation resistance >= 100 M?*km (at 20 °C)
Working capacitance approx. 80 pF (Line-line)
approx. 125 pF (Line-shield)
Nominal voltage, cable <= 300 V AC
Test voltage >= 3000 V AC (Spark test)
Test voltage Core/Shield >= 1000.00 V AC (for 10 s)
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible install...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/40-28X/M12FSSHOD 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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