

INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/1,5-PUR/M12FS 1-3 1417781 PHOENIX

CONTACT Sensor/actuator cable

SAC-3P-M12MS/1,5-PUR/M12FS 1-3 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/1,5-PUR/M12FS 1-3



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/1,5-PUR/M12FS 1-3
Catalog number	1417781
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-25C2F71502
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Product Overview

Sensor/actuator cable - SAC-3P-M12MS/1,5-PUR/M12FS 1-3 - 1417781

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

Sensor/actuator cable, 5-pos., PUR halogen-free, black-gray RAL 7021, 3-pos. straight M12 connector, A-coded, to 3-pos. straight M12 socket, A-coded, cable length: 1.5 m, special wiring

Key Commercial Data

Orderkey 1417781

Packing unit 1

GTIN 4055626126005

Custom tariff number 85444290

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC
Overvoltage category II
Degree of pollution 3
Torque 0.4 Nm
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
UL AWM style 20549
Conductor cross section 3x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)
Thickness, insulation ≥ 0.21 mm (Core insulation)
approx. 0.5 mm (Outer cable sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color black-gray RAL 7021
External cable diameter D 3.85 mm ±0.15 mm
Smallest bending radius, fixed installation 19 mm
Smallest bending radius, movable installation 38 mm
Number of bending cycles 10000000
Bending radius 44 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 23 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance ≥ 100 G[?]·km (at 20 °C)
Conductor resistance max. 58 [?]/km (at 20 °C)
Nominal voltage, cable ≤ 300 V
Test voltage, cable ≥ 3000 V
Special properti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/1,5-PUR/M12FS 1-3 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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