

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MR/0,6-PUR/M12FS BK 1055625 PHOENIX

CONTACT Sensor/actuator cable

SAC-5P-M12MR/0,6-PUR/M12FS BK 10..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MR/0,6-PUR/M12FS BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MR/0,6-PUR/M12FS BK
Catalog number	1055625
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-392CEF93E6
Generated	2026-08-05

Product Overview

Sensor/actuator cable - SAC-5P-M12MR/0,6-PUR/M12FS BK - 1055625

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, Elbowed male connector M12, coding: A, to Straight connection female M12, coding: A, cable length: 0.6 m, with black grip body

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-position, PUR halogen-free, black-gray RAL 7021, Plug angled M12, A-coded, on Socket straight M12, A-coded, cable length: 0.6 m, with black grip

Key Commercial Data

Orderkey 1055625

Packing unit 1

GTIN 4055626692777

Custom tariff number 85444290

Dimensions

Length of cable 0.6 m

General

Number of positions 5

Cable

Cable type PUR halogen-free black

Cable type (abbreviation) PUR

UL AWM style 20549

Conductor cross section 5x 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 approx. 0.5 mm

Wire colors brown, white, blue, black, green-yellow

External sheath, color black-gray RAL 7021

External cable diameter D 4.55 mm ±0.15 mm

Smallest bending radius, fixed installation 23 mm

Smallest bending radius, movable installation 46 mm

Number of bending cycles 10000000

Bending radius 50 mm

Traversing path 10 m

Traversing rate 3 m/s

Acceleration 10 m/s²

Cable weight 33 kg/km

Outer sheath, material PUR

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance ≥ 16 G?·km (at 20 °C)

Conductor resistance max. 58 ?/km (at 20 °C)

Nominal voltage, cable 300 V

Test voltage, cable 3000 V

Special properties Flexible cable conduit capable

Silicone-free

Free of substances which would hinder coating with paint or varnish

flexible

Flame resistance in accordance with UL 758/1581 FT2

DIN EN 60332-2-2 (20 s)

Halogen-free in acc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MR/0,6-PUR/M12FS BK 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.