

INDUSTRIAL COMPONENT DATA

SAC-8P-M12FS/ 0,8-PUR/M12FS SH 1420030 PHOENIX CONTACT Sensor/actuator cable SAC-8P-M12FS/ 0,8-PUR/M12FS SH ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12FS/ 0,8-PUR/M12FS SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12FS/ 0,8-PUR/M12FS SH
Catalog number	1420030
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-22E8543EDA
Generated	2026-08-05

Product Overview

Sensor/actuator cable - SAC-8P-M12FS/ 0,8-PUR/M12FS SH - 1420030

Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, shielded, Straight connection female M12, coding: A, a Straight connection female M12, coding: A, cable length: 0.8 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

Sensor/actuator cable, 8-position, PUR halogen-free, black-gray RAL 7021, shielded, Socket straight M12, A-coded, on Socket straight M12, A-coded, cable length: 0.8 m

Key Commercial Data

Orderkey 1420030

Packing unit 1

GTIN 4055626200729

Custom tariff number 85444290

Dimensions

Length of cable 0.8 m

General

Rated current at 40°C 2 A

Rated voltage 30 V AC
30 V DC
Number of positions 8
Insulation resistance $\geq 100 \text{ M}\Omega$
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Material
Flammability rating according to UL 94 HB
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation LiF9YC11Y
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section $8 \times 0.25 \text{ mm}^2$ (Signal line)
AWG signal line 24
Conductor structure signal line $32 \times 0.10 \text{ mm}$
Core diameter including insulation $1.17 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation approx. 0.2 mm
Wire colors Brown, white, green, yellow, gray, pink, blue, red
Overall twist 8 wires around filler to the core
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.5 mm
External cable diameter $D 5.9 \text{ mm} \pm 0.2 \text{ mm}$
Minimum bending ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12FS/ 0,8-PUR/M12FS SH 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.