

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MR/0,45PVC/8PFRVA IT 1415960 PHOENIX CONTACT Sensor/actuator cable

SAC-4P-M12MR/0,45PVC/8PFRVA IT ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MR/0,45PVC/8PFRVA IT



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MR/0,45PVC/8PFRVA IT
Catalog number	1415960
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-F751BB3486
Generated	2026-08-05

Product Overview

Sensor/actuator cable - SAC-4P-M12MR/0,45PVC/8PFRVA IT - 1415960

Sensor/actuator cable, 4-pole, PVC, black RAL 9005, Angled male connector M12, coding: A, to Angled connection female M12, coding: A, cable length: 0.45 m, Female connector M12, 8 poles

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, 4-position, PVC, black RAL 9005, Plug angled M12, A-coded, on Socket angled M12, A-coded, cable length: 0.45 m, M12 socket, 8-pos.

Key Commercial Data

Orderkey 1415960

Packing unit 1

GTIN 4055626054094

Custom tariff number 85444290

Dimensions

Length of cable 0.45 m

Ambient conditions

Degree of protection IP65

IP67
IP68
IP69K
General
Rated current at 40°C 4 A
Rated voltage 30 V AC
30 V DC
Number of positions 4
Insulation resistance $\geq 10\text{ M}\Omega$
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
Material
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Stainless steel
Sealing material NBR
Standards and Regulations
Flame resistance As per UL-Style 2464
Flammability rating according to UL 94 HB
Cable
Cable type PVC black
Cable type (abbreviation) PVC
Cable abbreviation LiYY
Conductor cross section $4 \times 0.25\text{ mm}^2$ (Signal line)
AWG signal line 24
Conductor structure signal line $14 \times 0.15\text{ mm}$
Core diameter including insulation $1.17\text{ mm} \pm 0.05\text{ mm}$
Thickness, insulation $\geq 0.23\text{ mm}$ (Core insulation)
 $\geq 0.76\text{ mm}$ (Outer cable sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
External sheath, color black RAL 9005
External cable diameter $D\ 4.4\text{ mm} \pm 0.15\text{ mm}$
Cable weight 33 kg/km
Outer sheath, material PVC
Material conductor insulatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MR/0,45PVC/8PFRVA IT 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.