

INDUSTRIAL COMPONENT DATA

SAC-3P-M 8MS/ 2,0-280/M 8FS BK 1400344 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/ 2,0-280/M 8FS BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M 8MS/ 2,0-280/M 8FS BK
Catalog number	1400344
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-284A4B9FBF
Generated	2026-08-05

Product Overview

Sensor/actuator cable

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

Key Commercial Data

Orderkey 1400344

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4046356490399

Weight per Piece (excluding packing) 53.300 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 2 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 3
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 CuSn
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 gray
Cable type (abbreviation) 280
Cable abbreviation Li9Y11Y
UL AWM style 20549
Conductor cross section 0.25 mm^2
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation $1.17 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation $\geq 0.21 \text{ mm}$ (Core insulation)
approx. 0.9 mm (Outer cable sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color silver-gray RAL 7001
External cable diameter D $4.4 \text{ mm} \pm 0.15 \text{ mm}$
Smallest bending radius, fixed installation 44 mm
Smallest bending radius, movable installation 44 mm
Number of bending cycles 4000000
Bending radius 44 mm
Travel...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/ 2,0-280/M 8FS 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.