INDUSTRIAL COMPONENT DATA

SAC-5P-MS/0,15-280/MS05BK RX-L 1416446 PHOENIX CONTACT Sensor/actuator cable SAC-5P-MS/0,15-280/MS05BK RX-L ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-MS/0,15-280/MS05BK RX-L

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-MS/0,15-280/MS05BK RX-L
Catalog number	1416446
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-DEA6DA6981
Generated	2026-11-18

Product Overview

Sensor/actuator cable - SAC-5P-MS/0,15-280/MS05BK RX-L - 1416446
Sensor/actuator cable, 5-pole, PUR, grey RAL 7001, Straight male connector M12, coding: A, a Straight male connector M12, coding: A, cable length: 0.15 m, Customer variant

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, gray RAL 7001, Plug straight M12, A-coded, on Plug straight M12, A-coded, cable length: 0.15 m, Customer version
Key Commercial Data
Orderkey 1416446
Packing unit 1
GTIN 4055626073668
Custom tariff number 85444290
Dimensions
Length of cable 0.15 m
General
Rated current at 40°C 4 A

Rated voltage 48 V AC
60 V DC
Number of positions 5
Insulation resistance >= 100 M?
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 Zinc die-cast, nickel-plated
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free gray
Cable type (abbreviation) 280
Cable abbreviation Li9Y11Y-HF
UL AWM style 20549
Conductor cross section 5x 0.5 mm² (Signal line)
AWG signal line 20
Conductor structure signal line 28x 0.15 mm
Core diameter including insulation 1.5 mm ±0.05 mm (Signal line)
Wire colors Black 1, black 2, black 3, black 4, green/yellow
Overall twist Wires twisted in layers
External sheath, color gray RAL 7001
External cable diameter D 5.3 mm ±0.2 mm
Smallest bending radius, fixed installation 26.5 mm
Number of bending cycles 15000000
Bending radius 50 mm
Traversing path 0.9 m
Traversing rate 5 m/s
Acceleration 30 m/s²
Outer sheath, ma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-MS/0,15-280/MS05BK RX-L 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.