INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/10,0-675/M12FS SV 1424169 PHOENIX CONTACT Sensor/actuator cable SAC-5P-M12MS/10,0-675/M12FS SV ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/10,0-675/M12FS SV

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/10,0-675/M12FS SV
Catalog number	1424169
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-47264ED6BF
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-5P-M12MS/10,0-675/M12FS SV - 1424169
Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 10 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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Number of positions 5
No. of cable outlets 1
Shielded no
Coding A
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Seal material NBR
Material of grip body TPU, hardly inflammable, self-extinguishing

Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
ConnectorConnection 1
Type Plug straight M12
Number of positions 5
Coding type A
Connection 2
Type Socket straight M12
Number of positions 5
Coding type A
Cable/lineCable length 10 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 64 kg/km
UL AWM Style 20549 (80°C/300 V)
Number of positions 5
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 42x 0.15 mm
AWG signal line 19
Conductor cross section 5x 0.75 mm²
Wire diameter incl. insulation 1.79 mm ±0.05 mm
External cable diameter 6.30 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material, filler PP yarn
Material wire insulation PP
Single wire, color brown, white, blue, black, green-yellow...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/10,0-675/M12FS SV 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

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