INDUSTRIAL COMPONENT DATA

SAC-3P-M8MS/ 0,5-542/FR SCO BK 1406278 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M8MS/ 0,5-542/M12FR BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M8MS/ 0,5-542/M12FR BK
Catalog number	1406278
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-7A1DB44680
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 3-pole, PVC, yellow, M8 straight male connector, to M12 angled connection female, coding: A, cable length: 0.5 m
Sensor/actuator cable, 3-position, PVC, yellow, Plug straight M8, on Socket angled M12, coding: A, cable length: 0.5 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
Application Standard, U.S. cables
Number of positions 3
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
Outer sheath, material PVC
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
Connection dataConductor connection
Tightening torque 0.4 Nm (M12 connector)
0.2 Nm (M8 connectors)
ConnectorConnection 1
Type Plug straight M8
Number of positions 3
Connection 2
Type Socket angled M12
Number of positions 3
Coding type A
Cable/lineCable length 0.5 m
PVC yellow 105 °C [542]
Dimensional drawing
Cable weight 21 kg/km
UL AWM Style 2517 (105 °C / 300 V)
Number of positions 3
Shielded no
Cable type PVC yellow 105 °C [542]
Conductor structure signal line 32x 1.10 mm
AWG signal line 24
Wire diameter incl. insulation 1.12 mm ±0.03 mm
External cable diameter 4.10 mm ±0.2 mm
Outer sheath, material PVC
External sheath, color yellow
Conductor material Tin-plated Cu litz wires
Material wire in...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M8MS/ 0,5-542/M12FR 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.