INDUSTRIAL COMPONENT DATA

SAC-3P-M 8MS/0,5-500 AE KA 1588817 PHOENIX CONTACT Sensor/actuator cable, 3-pole, PVC, grey RAL 7001, Straig..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/0,5-500 AE KA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M 8MS/0,5-500 AE KA
Catalog number	1588817
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-CA22AC7FB6
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 3-pole, PVC, grey RAL 7001, Straight M8 connector, coding: A, to free cable end, cable length: 0.5 m
Cable for sensors/actuators
Sensor/actuator cable, 3-position, Plug straight M8, coding: A, on free cable end, 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 propertiesNumber of positions 3
No. of cable outlets 1
Shielded no
Coding A
Material specificationsMaterial 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 propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 48 V AC

60 V DC
Nominal current IN 4 A
SignalingStatus display No
Status display present No
ConnectorConnection 1
Type Plug straight M8
Number of positions 3
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 0.5 m
PVC gray [500]
Dimensional drawing
Cable weight 29 kg/km
Number of positions 3
Shielded no
Cable type PVC gray [500]
Conductor type Assembled shielded round cable
Conductor structure signal line 14x 0.15 mm
AWG signal line 24
Conductor cross section 3x 0.25 mm² (Signal line)
Wire diameter incl. insulation 1.17 mm ±0.05 mm
External cable diameter 4.2 mm ±0.15 mm
Outer sheath, material PVC
External sheath, color gray RAL 7001
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color brown, blue, black
Thickness, insulation >= 0.23 mm (Core insulation)
Thickness, outer sheath >= 0.76 mm
Overall twist 3 wires, twisted
Max. conductor resistance max. 79 ?/km (at 20 °C)
Insulation resistance >= 100 M?*km (at 20 °C)
Nominal voltage, cable >= 300 V
Test voltage <= 3000 V
Smallest bending radius, fixed installati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/0,5-500 AE KA 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.