INDUSTRIAL COMPONENT DATA

SAC-8P-M 8FR/ 0,3-PUR/M 8FS 1579185 PHOENIX CONTACT Sensor/Actuator Cable, 8-pole, Elbowed Female M8, coding..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M 8FR/ 0,3-PUR/M 8FS

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M 8FR/ 0,3-PUR/M 8FS
Catalog number	1579185
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-8FAB1CB8F1
Generated	2026-11-19

Product Overview

Sensor/Actuator Cable, 8-pole, Elbowed Female M8, coding: A, to Straight Female M8
Cable for sensors/actuators
Sensor/actuator cable, 8-position, Socket angled M8, coding: A, on Socket straight M8

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 8
Application Standard
No. of cable outlets 1
Coding A
Insulation characteristics
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Electrical propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 30 V AC
30 V DC
Nominal current IN 1.5 A
Protective circuit unwired

Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display No
Status display present No
ConnectorConnection 2
Type Socket straight M8
Number of positions 8
Cable/linePUR halogen-free black [PUR]
Dimensional drawing
Shielded no
UL AWM Style 20549
Cable weight 31.4 kg/km
Cable type PUR halogen-free black
Short symbol Li9Y11Y
Cable type (abbreviation) PUR
External cable diameter 5.1 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Conductor structure signal line 18x 0.10 mm
AWG signal line 26
Conductor cross section 8x 0.14 mm² (Signal line)
Material, filler PE
Material wire insulation PP
Thickness, insulation >= 0.21 mm (Signal line)
Wire diameter incl. insulation 1 mm ±0.02 mm (Signal line)
Single wire, color white, brown, green, yellow, gray, pink, blue, red
Overall twist 8 wires around filler to the core
Length of twist, overall twist 58 mm
Nominal voltage, cable <= 300 V AC
Test voltage, cable >= 3000 V AC (Spark test)
Cable resistance 139 ?/km (at 20 °C)
Cable insulation resistance 1 G?*km (...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M 8FR/ 0,3-PUR/M 8FS 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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