INDUSTRIAL COMPONENT DATA

SAC-8P-M 8MS/15,0-PUR SH 1084023 PHOENIX CONTACT Sensor/actuator cable, 8-position, PUR halogen-free, black-..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M 8MS/15,0-PUR SH

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M 8MS/15,0-PUR SH
Catalog number	1084023
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-849070FE38
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 8-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M8, on free cable end, cable length: 15 m
Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, shielded, M8 straight male connector, to free cable end, cable length: 15 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 8
Shielded yes
ConnectorConnection 1
Type Plug straight M8
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 15 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 45 kg/km

UL AWM Style 20549
Number of positions 8
Shielded yes
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 18x 0.10 mm
AWG signal line 26
Conductor cross section 8x 0.14 mm² (Signal line)
Wire diameter incl. insulation 1 mm ±0.02 mm (Signal line)
External cable diameter 5.90 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material, filler PE
Material wire insulation PP
Single wire, color white, brown, green, yellow, gray, pink, blue, red
Thickness, insulation >= 0.21 mm (Signal line)
>= 0.38 mm (Outer cable sheath)
Overall twist 8 wires around filler to the core
Length of twist, overall twist 58 mm
Optical shield covering 85 %
Max. conductor resistance 139 ?/km (at 20 °C)
Insulation resistance 1 G?*km (at 20 °C)
Nominal voltage, cable <= 300 V AC
Test voltage >= 3000 V AC (Spark test)
Test voltage Core/Shield >= 2000.00 V AC (for 60 s)
Smallest bending radius, fixed installation 29.5 mm
Smallest bending radius, movable installation 59 mm
Dynamic load capacity (bending) Max. bending cycles: 2000000, Bending radius: 59 mm, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s²
Halogen-free in....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M 8MS/15,0-PUR SH 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.