INDUSTRIAL COMPONENT DATA

SAC-8P-20,0-PUR/M 8FS SH 1420020 PHOENIX CONTACT Sensor/actuator cable SAC-8P-20,0-PUR/M 8FS SH 1420020

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-20,0-PUR/M 8FS SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-20,0-PUR/M 8FS SH
Catalog number	1420020
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-5A0B1DBCAA
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-20,0-PUR/M 8FS SH - 1420020
Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, shielded, free cable end, to M8 straight connection female, cable length: 20 m
Sensor/actuator cable, 8-position, PUR halogen-free, black-gray RAL 7021, shielded, free cable end, on Socket straight M8, coding: A, cable length: 20 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
No. of cable outlets 1
Shielded yes
Coding A
Data management status
Article revision 01
Insulation characteristics
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 30 V AC
30 V DC
Nominal current IN 1.5 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket straight M8
Number of positions 8
Coding type A
Cable/lineCable length 20 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, re...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-20,0-PUR/M 8FS 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

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