INDUSTRIAL COMPONENT DATA

SAC-5P-10,0-186/M12FS 1085900 PHOENIX CONTACT Sensor/actuator cable, 5-position, PUR, black-gray RAL 7021, f..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-10,0-186/M12FS

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-10,0-186/M12FS
Catalog number	1085900
Category	Sensor-actuator patch cord
Minimum order	150 Pcs
Document ID	EO-D589CEF587
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 5-position, PUR, black-gray RAL 7021, free cable end, on Socket straight M12, A-coded, cable length: 10 m
Sensor/actuator cable, 5-pole, PUR, greyish black RAL 7021, free cable end, to Straight connection female M12, coding: A, cable length: 10 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 5
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
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
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket straight M12
Number of positions 5
Coding type A
Cable/lineCable length 10 m
PUR POWER 0.75 mm² black [186]
Dimensional drawing
Cable weight 67 kg/km
Number of positions 5
Shielded no
Cable type PUR POWER 0.75 mm² black [186]
Conductor structure signal line 42x 0.15 mm
AWG signal line 18
Conductor cross section 5x 0.75 mm² (power line)
Wire diameter incl. insulation 1.7 mm ±0.05 mm
External cable diameter 6.30 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color brown, white, blue, black, gray
Thickness, insulation >= 0.23 mm (Core insulation)
>= 0.76 mm (Outer cable sheath)
Overall twist 5 wires around filler to the core
Max. conductor resistance max. 26 ?/km (at 20 °C)
Insulation resistance >= 1 M?*km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage >= 3000 V
Smallest bending radius, movable instal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-10,0-186/M12FS 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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