INDUSTRIAL COMPONENT DATA

SAC-4P-10,0-186/M12FR 1524129 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-10,0-186/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-10,0-186/M12FR
Catalog number	1524129
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-7A595C8780
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 4-pole, PUR, greyish black RAL 7021, free cable end, to Elbow connection female M12, coding: A, cable length: 10 m
Sensor/actuator cable, 4-position, PUR, black-gray RAL 7021, free cable end, on Socket angled 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 4
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
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 250 V AC
250 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
Connection dataConductor connection
Tightening torque 0.4 Nm
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M12
Number of positions 4
Coding type A
Cable/lineCable length 10 m
PUR POWER 0.75 mm² black [186]
Dimensional drawing
Cable weight 57 kg/km
UL AWM Style 20549 / 1061 (80°C/300 V)
Number of positions 4
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 4x 0.75 mm² (power line)
Wire diameter incl. insulation 1.75 mm ±0.05 mm
External cable diameter 5.90 mm ±0.15 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, bl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-10,0-186/M12FR 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.