INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 1,0-810/M12FS 1089031 PHOENIX CONTACT Sensor/actuator cable, 4-position, PUR halogen-free, wel..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 1,0-810/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 1,0-810/M12FS
Catalog number	1089031
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-D268EBB94D
Generated	2026-11-18

Product Overview

Sensor/actuator cable, 4-position, PUR halogen-free, welding sputter-resistant, highly flexible, orange RAL 2003, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 1 m
Sensor/actuator cable, 4-pole, halogen-free, solder splash resistant, highly flexible, orange RAL 2003, M12 straight male connector, encoding: A, to M12 straight connection female, encoding: A, cable length: 1 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
Application Standard
Number of positions 4
No. of cable outlets 1
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 propertiesNominal voltage UN 250 V AC
250 V DC
Nominal current IN 4 A
SignalingStatus display no
Status display present No
Connection dataConductor connection
Tightening torque 0.4 Nm
ConnectorConnection 1
Type Plug straight M12
Number of positions 4
Coding type A
Connection 2
Type Socket straight M12
Number of positions 4
Coding type A
Cable/lineCable length 1 m
PUR, halogen-free, highly flexible, welding-sputter resistant, orange [810]
Dimensional drawing
UL AWM Style 20549 (80°C/300 V)
Number of positions 4
Shielded no
Cable type PUR, halogen-free, highly flexible, welding-sputter resistant, orange [810]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.55 mm ±0.05 mm (Signal line)
External cable diameter 6.40 mm ±0.1 mm
Outer sheath, material PUR
External sheath, color orange RAL 2003
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 1,0-810/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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