INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/ 2,4-140/M12FR 1547754 PHOENIX CONTACT Sensor/Actuator Cable, 3-pole, PUR/PVC, yellow, M12 stra..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 2,4-140/M12FR

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/ 2,4-140/M12FR
Catalog number	1547754
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-F4FB688CA7
Generated	2026-11-19

Product Overview

Sensor/Actuator Cable, 3-pole, PUR/PVC, yellow, M12 straight connector, encoding: A, to M12 straight female, coding: A, cable length: 2.4 m
Sensor/Actuator Cable, 3-Pole, PUR/PVC, Yellow, M12 Straight Male Connector, Coding: A, A M12 Straight Connection Female, Coding: A, Cable Length: 2.4 m
Sensor/actuator cable, 3-position, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 2.4 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 3
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 propertiesContact resistance <= 5 m?
Insulation 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
ConnectorConnection 1
Type Plug straight M12
Number of positions 3
Coding type A
Connection 2
Type Socket straight M12
Number of positions 3
Coding type A
Cable/lineCable length 2.4 m
PUR/PVC yellow [140]
Dimensional drawing
Shielded no
Cable weight 37 kg/km
Cable type PUR/PVC yellow
Short symbol LiYY-11Y
Cable type (abbreviation) 140
External cable diameter 5.2 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color yellow
Material, inner sheath PVC
Conductor material Bare Cu litz wires
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 0.34 mm²
Material wire insulation PVC
Thickness, insulation >= 0.23 mm (Core insulation)
Wire diameter incl. insulation 1.52 mm ±0.02 mm
Single wire, colo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 2,4-140/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

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