INDUSTRIAL COMPONENT DATA

SAC-3P-M12MR/3,0-116 VC 1405613 PHOENIX CONTACT Sensor/actuator cable, 3-pos., PUR/PVC, black RAL 9005, angl..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MR/3,0-116 VC

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MR/3,0-116 VC
Catalog number	1405613
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-B867563D0E
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 3-pos., PUR/PVC, black RAL 9005, angled M12 plug, to free cable end, cable length: 3 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

Key Commercial Data
Orderkey 1405613
Packing unit 1
GTIN 4046356750363
Custom tariff number 85444290
Drawings
Ambient conditions
Standards and Regulations
Environmental Product Compliance
Dimensions
General
Cable
Classifications

Drawings
Cable cross section
PUR/PVC, 0.75 mm², black [116]
Back to topDimensions
Length of cable 3 m
Back to topAmbient conditions
Degree of protection IP65
IP67
Back to topGeneral
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 3
Insulation resistance >= 100 M?
Coding A - standard
Overvoltage category II
Degree of pollution 3
Torque 0.4 Nm
Back to topStandards and Regulations
Flame resistance DIN VDE 0482
DIN EN 50265-2-1
in acc. with UL FT-2
Other resistance Highly resistant to acids, alkaline solutions and solvents
hydrolysis and microbe resistant
Back to topCable
Cable type PUR/PVC, 0.75 mm², black
Cable type (abbreviation) 116
Cable abbreviation LiYY11Y
UL AWM style 20549
Conductor cross section 3x 0.75 mm²
AWG signal line 18
Conductor structure signal line 24x 0.20 mm
Core diameter including insulation 1.7 mm ±0.05 mm
Wire colors black 1, black 2, green/yellow
Overall twist 3 wires, twisted
External sheath, color black RAL 9005
External cable diameter D 5.8 mm ±0.2 mm
Minimum bending radius, flexible installation 10 x D
Number of bending cycles 1000000
Traversing rate 2 m/s
Acceleration 2.5 m/s²
Outer sheath, material PUR
Material, inner sheath PVC
Material conductor insulation PVC
Conductor material Bare Cu litz w...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MR/3,0-116 VC 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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