INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-116/M12FS VC 1405616 PHOENIX CONTACT Sensor/actuator cable, 3-position, PUR/PVC, black RAL 9005,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P- 5,0-116/M12FS VC



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P- 5,0-116/M12FS VC
Catalog number	1405616
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-B646E17230
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 3-position, PUR/PVC, black RAL 9005, free cable end, on Socket straight M12, A-coded, cable length: 5 m
Sensor/actuator cable, 3-pole, PUR/PVC, black RAL 9005, free cable end, to Straight connection female M12, coding: A, cable length: 5 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 1405616
Packing unit 1
GTIN 4046356751520
Custom tariff number 85444290
Drawings
General
Standards and Regulations
Classifications
Dimensions
Material
Cable

Drawings
Dimensional drawing
M12 x 1 socket, straight
Circuit diagram
Contact assignment of the M12 socket
Schematic diagram
Pin assignment M12 socket, 3-pos., A-coded, view female side
Cable cross section
PUR/PVC, 0.75 mm², black [116]
Back to topDimensions
Length of cable 5 m
Back to topGeneral
Rated voltage 250 V AC
250 V DC
Number of positions 3
Insulation resistance >= 100 M?
Coding A - standard
Status display No
Insertion/withdrawal cycles >= 100
Back to topMaterial
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Sealing material TPU
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 radi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P- 5,0-116/M12FS 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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