INDUSTRIAL COMPONENT DATA

SAC-5P-M12MRK/ 5,0-PUR PE SH 1414842 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MRK/ 5,0-PUR PE SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MRK/ 5,0-PUR PE SH
Catalog number	1414842
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-F21647992E
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Product Overview

Power cable
Power cable, 5-pole halogen-free, shielded (Advanced Shielding Technology), M12 angled connector, coding: K, to free cable end, cable length: 5 m, for alternating current up to 16 A/690 V
Power cable, 5-position, PUR halogen-free, orange RAL 2003, shielded (Advanced Shielding Technology), Plug angled M12, coding: K, on free cable end, cable length: 5 m, for AC current up to 16 A/690 V

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 Power cable
Application Power supply
Number of positions 5
No. of cable outlets 1
Shielded yes
Coding K
Data management status
Article revision 07
Insulation characteristics
Overvoltage category III
Degree of pollution 3

Material specificationsFlammability rating according to UL 94 V0
Material of grip body PP
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material PA
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 690 V AC
Nominal current IN 16 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
ConnectorConnection 1
Type Plug angled M12
Coding type K (Power)
Connection 2
Type free cable end
Cable/lineCable length 5 m
PUR halogen-free orange [PUR]
Dimensional drawing
Cable weight 195 kg/km
UL AWM Style 90 °C / 1000 V
Number of positions 5
Shielded yes
Cable type PUR halogen-free orange [PUR]
Conductor cross section 5x 2.5 mm²
Wire diameter incl. insulation 2.8 mm ±0.1 mm
External cable diameter 9.90 mm ±0.3 Nm
Outer sheath, material PUR
External sheath, color orange RAL 2003
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color black 1, black 2, black 3, black 4, green/yellow
Thickness, insulation >= 0.26 mm
Thickness, outer sheath approx. 0.75 mm
Overall twist 5 cores, twisted
Max. conductor resistance <= 8 ?/km (at 20 °C)
Insulation resistance >= 1 G?*km (at 20 °C)
Nominal volta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MRK/ 5,0-PUR PE SH 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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