INDUSTRIAL COMPONENT DATA

SAC-6P-M12MSM/ 3,0-PUR PE 1414953 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-M12MSM/ 3,0-PUR PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-M12MSM/ 3,0-PUR PE
Catalog number	1414953
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-C4DB9C57C9
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Product Overview

Power cable
Power cable, 6-pole halogen-free, M12 straight connector, coding: M, to free cable end, cable length: 3 m, for alternating current up to 8 A/690 V
Power cable, 6-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: M, on free cable end, cable length: 3 m, for AC current up to 8 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 6
No. of cable outlets 1
Shielded no
Coding M
Data management status
Article revision 06
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 8 A
ConnectorConnection 1
Type Plug straight M12
Coding type M (Power)
Connection 2
Type free cable end
Cable/lineCable length 3 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 130 kg/km
Number of positions 6
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor cross section 6x 1.5 mm²
Wire diameter incl. insulation 2.35 mm ±0.1 mm
External cable diameter 8.80 mm ±0.25 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color black 1, black 2, black 3, black 4, black 5, green/yellow
Thickness, insulation >= 0.36 mm
Thickness, outer sheath approx. 0.90 mm
Max. conductor resistance <= 14.1 ?/km (at 20 °C)
Insulation resistance >= 1 G?*km (at 20 °C)
Nominal voltage, cable <= 1000 V AC
Test voltage >= 3000 V AC (Spark test)
Minimum bending radius, fixed installation 5 x D
Minimu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-M12MSM/ 3,0-PUR PE 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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