INDUSTRIAL COMPONENT DATA

SAC-6P- 3,0-PUR/M12FRM PE 1414907 PHOENIX CONTACT Power cable, 6-position, PUR halogen-free, black-gray RAL ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-3,0-PUR/M12FRM PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-3,0-PUR/M12FRM PE
Catalog number	1414907
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-A681822284
Generated	2026-11-19

Product Overview

Power cable, 6-position, PUR halogen-free, black-gray RAL 7021, Socket angled M12, M-coded, on free cable end, cable length: 3 m, For AC current up to 8 A/690 V
Power cable, 6-pole halogen-free, free cable end, to Angled Female M12, coding: M, cable length: 3 m, for alternating 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

Key Commercial Data
Orderkey 1414907
Packing unit 1 pc
Catalog page Page 298 (C-2-2019)
GTIN 4055626035383
Weight per Piece (excluding packing) 460.000 g
Custom tariff number 85444290
Country of origin PL (Poland)
Drawings
Ambient conditions
Material
Cable

Classifications
Dimensions
General
Standards and Regulations
Environmental Product Compliance
Drawings
Diagram
Derating diagram
Dimensional drawing
M12 x 1 socket, angled
Circuit diagram
Contact assignment of the M12 socket
Schematic diagram
Pin assignment of M12 socket, 6-pos., M-coded, socket side view
Cable cross section
PUR halogen-free black [PUR]
Back to topDimensions
Length of cable 3 m
Back to topAmbient conditions
Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)
Degree of protection IP65
IP67
Back to topGeneral
Rated current at 40°C 8 A
Rated voltage 690 V AC
Number of positions 6
Insulation resistance >= 100 M?
Coding M - Power
Standards/regulations M12 connector IEC 61076-2-111
Status display No
Protective circuit/component unwired
Overvoltage category III
Degree of pollution 3
Torque 0.4 Nm (M12 connector)
Back to topMaterial
Flammability rating according to UL 94 V0
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material PA
Material of grip body PP
Material, knurls Zinc die-cast, nickel-plated
Back to topStandards and Regulations
Standards/specifications M12 connector IEC 61076-2-111
Flammability rating according to UL 94 V0
Back to topCable
Cable type PUR halogen-free blac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-3,0-PUR/M12FRM 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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