INDUSTRIAL COMPONENT DATA

SAC-6P- 3,0-PVC/M12FRM PE SH 1414913 PHOENIX CONTACT Power cable, 6-position, PVC, orange RAL 2003, shielded..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-3,0-PVC/M12FRM PE SH
Catalog number	1414913
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-8ABA7929C0
Generated	2026-11-19

Product Overview

Power cable, 6-position, PVC, orange RAL 2003, shielded (Advanced Shielding Technology), 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, shielded (Advanced Shielding Technology), free cable end, to Elbowed Female M12, coding: M, 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

Key Commercial Data
Orderkey 1414913
Packing unit 1 pc
Catalog page Page 299 (C-2-2019)
GTIN 4055626036304
Weight per Piece (excluding packing) 640.000 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
Current carrying capacity
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
PVC [PVC]
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 PVC

Cable type (abbreviation) P...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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