INDUSTRIAL COMPONENT DATA

SAC-4P-10,9-PUR/M12FSS PE SH 1090820 PHOENIX CONTACT Power cable, 4-position, PUR halogen-free, orange RAL 2..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-10,9-PUR/M12FSS PE SH

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-10,9-PUR/M12FSS PE SH
Catalog number	1090820
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-68D20FA3FC
Generated	2026-11-19

Product Overview

Power cable, 4-position, PUR halogen-free, orange RAL 2003, shielded (Advanced Shielding Technology), free cable end, on Socket straight M12, S-coded, cable length: 10.9 m, for AC current up to 12 A/690 V
Power cable, 4-pole halogen-free, shielded (Advanced Shielding Technology), free cable end, to straight female M12, coding: S, cable length: 10.9 m, for alternating current up to 12 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 1090820
Packing unit 1 pc
Minimum order quantity 50 pc
GTIN 4055626902203
Weight per Piece (excluding packing) 1,580.000 g
Custom tariff number 85444290
Country of origin DE (Germany)
Drawings
Ambient conditions

Material
Cable
Classifications
Dimensions
General
Standards and Regulations
Environmental Product Compliance
Drawings
Dimensional drawing
M12 x 1 socket, straight
Circuit diagram
Contact assignment of the M12 socket
Schematic diagram
Pin assignment of M12 socket, 4-pos., S-coded, socket side view
Cable cross section
PUR halogen-free orange shielded [PUR]
Back to topDimensions
Length of cable 10.9 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 12 A
Rated voltage 690 V AC
Number of positions 4
Color handle area black
Insulation resistance >= 100 M?
Coding S power
Standards/regulations M12 connector IEC 61076-2-111
Status display No
Protective circuit/component unwired
Overvoltage category III
Degree of pollution 3
Insertion/withdrawal cycles > 100
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
Bac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-10,9-PUR/M12FSS 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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