INDUSTRIAL COMPONENT DATA

SAC-6P-M12MRM/10,0-PUR PE SH 1414946 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-M12MRM/10,0-PUR PE SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-M12MRM/10,0-PUR PE SH
Catalog number	1414946
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-1E1DBDA543
Generated	2026-11-19

Product Overview

Power cable
Power cable, 6-pole halogen-free, shielded (Advanced Shielding Technology), M12 angled connector, coding: M, to free cable end, cable length: 10 m, for AC up to 8 A/690 V
Power cable, 6-pole, PUR halogen-free, orange RAL 2003, shielded (Advanced Shielding Technology), angled connector M12, coding: M, on free line end, cable length: 10 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 1414946
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4055626035734
Weight per Piece (excluding packing) 1,718.910 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 10 m
Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)
Degree of protection IP65
IP67
IP68
General
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)
Material
Flammability rating according to UL 94 V0
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PA
Material of grip body PA
Material, knurls Zinc die-cast, nickel-plated
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-111
Flammability rating according to UL 94 V0
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
UL AWM style 20234 / 10492 (80°C/1000 V)
Conductor cross section 6x 1.5 mm²
AWG power supply 16
Conductor structure, voltage supply 78x 0.15 mm
Core diameter including insulation 2.35 mm ±0.05 mm
Thickness, insulation >= 0.36 mm
Wire colors black 1, black 2, black 3, black 4, black 5, green/yellow
External sheath, color orange RAL 2003
Outer sheath thickness approx. 1.15 mm
External cable diameter D 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-M12MRM/10,0-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.