

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MRL/ 3,0-280 FE 1414854 PHOENIX CONTACT

Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MRL/ 3,0-280 FE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MRL/ 3,0-280 FE
Catalog number	1414854
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-BBABA2F223
Generated	2026-08-04

Product Overview

Power cable

Power cable, 5-pole halogen-free, M12 angled connector, coding: L, to free cable end, cable length: 3 m, for direct current up to 16 A / 63 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 1414854

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 298 (C-2-2017)

GTIN 4055626034867

Weight per Piece (excluding packing) 545.200 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 3 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

Degree of protection IP65
IP67
IP68
General
Rated current at 40°C 16 A
Rated voltage 63 V DC
Number of positions 5
Color handle area black
Insulation resistance $\geq 100 \text{ M}\Omega$
Coding L - 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 gray
Cable type (abbreviation) 280
UL AWM style 20233 / 10493 (80°C/300 V)
Conductor cross section $5 \times 2.5 \text{ mm}^2$
AWG power supply 14
Conductor structure, voltage supply $141 \times 0.15 \text{ mm}$
Core diameter including insulation $2.85 \text{ mm} \pm 0.1 \text{ mm}$
Thickness, insulation $\geq 0.31 \text{ mm}$
Wire colors Brown, white, blue, black, gray
External sheath, color gray RAL 7001
Outer sheath thickness approx. 0.76 mm
Ext...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MRL/ 3,0-280 FE 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.