

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MSL/15,0-280 FE 1087100 PHOENIX CONTACT

Power cable, 5-position, PUR halogen-free, gray RAL 7001, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MSL/15,0-280 FE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MSL/15,0-280 FE
Catalog number	1087100
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-618F4C7D74
Generated	2026-08-05

Product Overview

Power cable, 5-position, PUR halogen-free, gray RAL 7001, Plug straight M12, L-coded, on free cable end, cable length: 15 m, for direct current up to 16 A/63 V

Power cable, 5-pole halogen-free, Straight M12 connector, coding: L, to free cable end, cable length: 15 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 1087100
 Packing unit 1
 GTIN 4055626882734
 Custom tariff number 85444290
 Drawings
 Ambient conditions
 Material
 Cable
 Classifications
 Dimensions
 General

[Standards and Regulations](#)
[Environmental Product Compliance](#)
[Drawings](#)
[Diagram](#)
[Current carrying capacity](#)
[Dimensional drawing](#)
[Plug, M12 x 1, straight, shielded](#)
[Circuit diagram](#)
[Contact assignment of the M12 plug](#)
[Schematic diagram](#)
[Pin assignment of M12 connector, 5-pos., L-coded, pin side view](#)
[Cable cross section](#)
[PUR halogen-free gray \[280\]](#)
[Back to top](#)[Dimensions](#)
[Length of cable 15 m](#)
[Back to top](#)[Ambient conditions](#)
[Degree of protection IP65](#)
[IP67](#)
[IP68](#)
[Back to top](#)[General](#)
[Rated current at 40°C 16 A](#)
[Rated voltage 63 V DC](#)
[Number of positions 5](#)
[Color handle area black](#)
[Coding L - Power](#)
[Status display No](#)
[Protective circuit/component unwired](#)
[Overvoltage category III](#)
[Degree of pollution 3](#)
[Insertion/withdrawal cycles >= 100](#)
[Back to top](#)[Material](#)
[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 top](#)[Standards and Regulations](#)
[Flammability rating according to UL 94 V0](#)
[Back to top](#)[Cable](#)
[Cable type PUR halogen-free gray](#)
[Cable type \(abbreviation\) 280](#)
[UL AWM style 20233 / 10493 \(80°C/300 V\)](#)
[Conductor cross section 5x 2.5 mm²](#)
[AWG power supply 14](#)
[Conductor structure, voltage supply 141x 0.15 mm](#)
[Core diameter including insulation 2.85 mm ±0.1 mm](#)

Thickness, insulation ≥ 0.31 mm

Wire co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MSL/15,0-280 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.