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-71E534A489
Generated	2026-11-19

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 topDimensions
Length of cable 15 m
Back to topAmbient conditions
Degree of protection IP65
IP67
IP68
Back to topGeneral
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 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
Flammability rating according to UL 94 V0
Back to topCable
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

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