INDUSTRIAL COMPONENT DATA

SAC-5P-M12MRK/ 3,0-PVC PE 1414839 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MRK/ 3,0-PVC PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MRK/ 3,0-PVC PE
Catalog number	1414839
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-350EBEC1FC
Generated	2026-11-18

Product Overview

Power cable
Power cable, 5-pole, M12 angled connector, coding: K, to free cable end, cable length: 3 m, for alternating current up to 16 A/690 V
Power cable, 5-position, PVC, black-gray RAL 7021, Plug angled M12, coding: K, on free cable end, cable length: 3 m, for AC current up to 16 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

Technical dataProduct propertiesProduct type Power cable
Application Power supply
Number of positions 5
No. of cable outlets 1
Shielded no
Coding K
Data management status
Article revision 06
Insulation characteristics
Overvoltage category III
Degree of pollution 3

Material specificationsFlammability rating according to UL 94 V0
Material of grip body PP
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material PA
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 690 V AC
Nominal current IN 16 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
ConnectorConnection 1
Type Plug angled M12
Coding type K (Power)
Connection 2
Type free cable end
Cable/lineCable length 3 m
PVC black [PVC]
Dimensional drawing
Cable weight 220 kg/km
UL AWM Style 2570 / 10914 (80°C/1000 V)
Number of positions 5
Shielded no
Cable type PVC black [PVC]
Conductor cross section 5x 2.5 mm²
Wire diameter incl. insulation 3 mm ±0.1 mm
External cable diameter 10.75 mm ±0.3 mm
Outer sheath, material PVC
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color black 1, black 2, black 3, black 4, green/yellow
Thickness, insulation >= 0.36 mm
Thickness, outer sheath approx. 0.76 mm
Max. conductor resistance <= 8 ?/km (at 20 °C)
Insulation resistance >= 100 M?*km (at 20 °C)
Nominal voltage, cable <= 1000 V AC
Test voltage >= 10000....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MRK/ 3,0-PVC PE 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.