

INDUSTRIAL COMPONENT DATA

SAC-3P-MSS/ 1,5-PVC/FSS PE SCO 1021845 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MSS/ 1,5-PVC/FSS PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MSS/ 1,5-PVC/FSS PE
Catalog number	1021845
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-E78AE47461
Generated	2026-08-06

Product Overview

Power cable

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 1021845

Packing unit 1

GTIN 4055626514574

Custom tariff number 85444290

Dimensions

Length of cable 1.5 m

Ambient conditions

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

Degree of protection IP65

IP67

General

Rated current at 40°C 16 A

Rated voltage 690 V AC

Number of positions 3

Color handle area black
Insulation resistance $\geq 100 \text{ M}\Omega$
Coding S power
Standards/regulations M12 connector IEC 61076-2-111
Status display No
Protective circuit/component unwired
Overvoltage category III
Degree of pollution 3
Insertion/withdrawal cycles > 100
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 PVC black
Cable type (abbreviation) PVC
Cable abbreviation LSYwYw-JZ
UL AWM style 2517 ($105^\circ\text{C} / 300 \text{ V}$)
Conductor cross section $3 \times 1.5 \text{ mm}^2$
AWG power supply 16
Conductor structure, voltage supply $30 \times 0.25 \text{ mm}$
Core diameter including insulation $2.4 \text{ mm} \pm 0.1 \text{ mm}$
Wire colors black 1, black 2, green/yellow
Overall twist 3 wires, twisted
External sheath, color black
External cable diameter $D 6.8 \text{ mm} \pm 0.2 \text{ mm}$
Minimum bending radius, fixed installation $5 \times D$
Minimum bending radius, flexible installation $12 \times D$
Cable weight $80 \text{ kg} \dots$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MSS/ 1,5-PVC/FSS 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.