

INDUSTRIAL COMPONENT DATA

SAC-4P-MSS/ 8,0-PUR/FSS PE SCO 1012357 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-MSS/ 8,0-PUR/FSS PE SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-MSS/ 8,0-PUR/FSS PE SCO
Catalog number	1012357
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
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Product Overview

Power cable

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: S, on Socket straight M12, coding: S, cable length: 8 m, for AC current up to 12 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Power cable

Application Power supply

Number of positions 4

No. of cable outlets 1

Shielded no

Coding S

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 $\geq 100 \text{ M}\Omega$
Nominal voltage UN 690 V AC
Nominal current IN 12 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles > 100
ConnectorConnection 1
Type Plug straight M12
Coding type S (Power)
Connection 2
Type Socket straight M12
Coding type S (Power)
Cable/lineCable length 8 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 114 kg/km
UL AWM Style 20234 / 10492 (80°C/1000 V)
Number of positions 4
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor cross section $4 \times 1.5 \text{ mm}^2$
Wire diameter incl. insulation $2.45 \text{ mm} \pm 0.05 \text{ mm}$
External cable diameter $8.80 \text{ mm} \pm 0.25 \text{ mm}$
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color black 1, black 2, black 3, green/yellow
Thickness, insulation $\geq 0.36 \text{ mm}$
Thickness, outer sheath approx. 1.30 mm
Overall twist 4 wires, twisted
Length of twist, overall twist 93 mm
Max. conductor resistance $\leq 13 \text{ } \Omega/\text{km}$ (at 20 °C)
Insulation resistance $\geq 1 \dots$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-MSS/ 8,0-PUR/FSS PE SCO 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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