INDUSTRIAL COMPONENT DATA

SAC-4P-M12MST/ 5,0-PUR SH 1424122 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MST/ 5,0-PUR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MST/ 5,0-PUR SH
Catalog number	1424122
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-545062E267
Generated	2026-11-19

Product Overview

Power cable
Power cable, 4-pole halogen-free, shielded (Advanced Shielding Technology), Straight M12 connector, coding: T, to free cable end, cable length: 5 m, for direct current up to 12 A/63 V
Power cable, 4-position, PUR halogen-free, black RAL 9005, shielded (Advanced Shielding Technology), Plug straight M12, coding: T, on free cable end, cable length: 5 m, For direct current up to 12 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

Technical dataProduct propertiesProduct type Power cable
Application Power supply
Number of positions 4
No. of cable outlets 1
Shielded yes
Coding T
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 63 V DC
Nominal current IN 12 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles > 100
ConnectorConnection 1
Type Plug straight M12
Coding type T (Power)
Connection 2
Type free cable end
Cable/lineCable length 5 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 133 kg/km
UL AWM Style 20233 / 10493 (80°C/300 V)
Number of positions 4
Shielded yes
Cable type PUR halogen-free black [PUR]
Conductor cross section 4x 1.5 mm²
Wire diameter incl. insulation 2.4 mm
External cable diameter 9.70 mm ±0.3 mm
Outer sheath, material PUR
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black
Thickness, insulation 1.20 mm (Outer cable sheath)
Overall twist 4 wires optimally twisted
Max. conductor resistance <= 13.3 ?/km (at 20 °C)
Insulation resistance >= 10 M?*km (at 20 °C)
Nominal voltage, cable 300 V AC
Test volta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MST/ 5,0-PUR SH 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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