INDUSTRIAL COMPONENT DATA

SAC-4P-M12MRT/ 0,5-PUR/FRT SH 1102085 PHOENIX CONTACT Power cable, 4-position, PUR halogen-free, black RAL 9..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MRT/ 0,5-PUR/FRT SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MRT/ 0,5-PUR/FRT SH
Catalog number	1102085
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-08C7B4A105
Generated	2026-11-19

Product Overview

Power cable, 4-position, PUR halogen-free, black RAL 9005, shielded (Advanced Shielding Technology), Plug angled M12, T-coded, on Socket angled M12, T-coded, cable length: 0.5 m, For direct current up to 12 A/63 V
Power cable, 4-pole halogen-free, shielded (Advanced Shielding Technology), Angled connector M12, coding: T, to Angled female M12, coding: T, cable length: 0.5 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

Key Commercial Data
Orderkey 1102085
Packing unit 1 pc
Minimum order quantity 50 pc
GTIN 4055626962344
Weight per Piece (excluding packing) 140.000 g
Custom tariff number 85444290
Country of origin DE (Germany)
Drawings
Ambient conditions

Material
Cable
Classifications
Dimensions
General
Standards and Regulations
Environmental Product Compliance
Drawings
Dimensional drawing
M12 x 1 male plug, angled
Dimensional drawing
M12 x 1 socket, angled
Circuit diagram
Contact assignment of M12 connector/socket
Schematic diagram
Pin assignment for M12 plug, 4-pos., T-coded, view of plug side
Schematic diagram
Pin assignment of M12 socket, 4-pos., T-coded, socket side view
Cable cross section
PUR halogen-free black [PUR]
Back to topDimensions
Length of cable 0.5 m
Back to topAmbient conditions
Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)
Degree of protection IP65
IP67
Back to topGeneral
Rated current at 40°C 12 A
Rated voltage 63 V DC
Number of positions 4
Color handle area black
Insulation resistance >= 100 M?
Coding T 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)
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 topStandard...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MRT/ 0,5-PUR/FRT 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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