

INDUSTRIAL COMPONENT DATA

SAC-4P- 2,0-110/M12FRT 1089981 PHOENIX CONTACT Power cable, 4-position, PVC, black-gray RAL 7021, Socket ang..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-2,0-110/M12FRT



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-2,0-110/M12FRT
Catalog number	1089981
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-6374538361
Generated	2026-08-04

Product Overview

Power cable, 4-position, PVC, black-gray RAL 7021, Socket angled M12, on free cable end, cable length: 2 m, For direct current up to 12 A/63 V

Power cable, 4-pole, free cable end, to Elbowed Female M12, coding: T, cable length: 2 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 1089981

Packing unit 1 pc

Catalog page Page 291 (C-2-2019)

GTIN 4055626898612

Weight per Piece (excluding packing) 240.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Drawings

Ambient conditions

Material

Cable

Classifications

Dimensions

General

Standards and Regulations

Environmental Product Compliance

Drawings

Dimensional drawing

M12 x 1 socket, angled

Circuit diagram

Contact assignment of the M12 socket

Schematic diagram

Pin assignment of M12 socket, 4-pos., T-coded, socket side view

Cable cross section

PVC black [110]

[Back to top](#)Dimensions

Length of cable 2 m

[Back to top](#)Ambient conditions

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

Degree of protection IP65

IP67

[Back to top](#)General

Rated current at 40°C 12 A

Rated voltage 63 V DC

Number of positions 4

Insulation resistance $\geq 100 \text{ M}\Omega$

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

[Back to top](#)Material

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 top](#)Standards and Regulations

Standards/specifications M12 connector IEC 61076-2-111

Flammability rating according to UL 94 V0

[Back to top](#)Cable

Cable type PVC black

Cable type (abbreviation) 110

UL AWM style 2023...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-2,0-110/M12FRT 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.