

INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/ 1,0-853/M12FR HN 1404951 PHOENIX CONTACT Sensor/actuator cable, 8-pos., PUR, black, shielded, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/ 1,0-853/M12FR HN



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/ 1,0-853/M12FR HN
Catalog number	1404951
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-F65A2D3174
Generated	2026-08-05

Product Overview

Sensor/actuator cable, 8-pos., PUR, black, shielded, straight M12 male plug, A-coded, to angled M12 female plug, A-coded, cable length: 1 m

Sensor/actuator cable, 8 poles, PUR, black, shielded, straight male connector M12, coded A, layered female M12, coded A, cable length: 1 m

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 1404951

Packing unit 1

GTIN 4046356729598

Custom tariff number 85444290

Drawings

Ambient conditions

Material

Cable

Classifications

Dimensions

General

Standards and Regulations

Environmental Product Compliance

Drawings

Dimensional drawing

Plug, M12 x 1, straight, shielded

Dimensional drawing

M12 x 1 socket, angled, shielded

Circuit diagram

Contact assignment of the M12 plug and the M12 socket

Schematic diagram

Pin assignment M12 plug, 8-pos., view plug side

Schematic diagram

Pin assignment M12 socket, 8-pos., A-coded, view female side

[Back to top](#)Dimensions

Length of cable 1 m

[Back to top](#)Ambient conditions

Degree of protection IP65

IP67

IP68

[Back to top](#)General

Rated voltage 30 V AC

30 V DC

Number of positions 8

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

Coding A - standard

Standards/regulations M12 connector

Status display No

Insertion/withdrawal cycles ≥ 100

[Back to top](#)Material

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material of grip body TPU, hardly inflammable, self-extinguishing

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

[Back to top](#)Standards and Regulations

Standards/specifications M12 connector

[Back to top](#)Cable

Product labeling HEIDENHAIN (UL) AWM STYLE 20963 80°C 30V E63216 (Cable printing cable supplier)

Cable type (abbreviation) 853

UL AWM style 20963 (80°C/30 V)

Cable structure 4x2xAWG28/19; S/UTP

Conductor cross section 4x 2x 0.09 mm²

AWG signal line 28

Conductor structure signal li...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/ 1,0-853/M12FR HN 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.