

INDUSTRIAL COMPONENT DATA

SAC-8P-M12MR/ 0,5-542/M12FR BK 1406099 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MR/ 0,5-542/M12FR BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MR/ 0,5-542/M12FR BK
Catalog number	1406099
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-2EABAEF68F
Generated	2026-08-05

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 8-Pole, PVC, Yellow, M12 Angled Male Connector, Coding: A, to M12 Elbow Connection Female, Coding: A, Cable Length: 0.5 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 1406099

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356799508

Weight per Piece (excluding packing) 22.220 g

Custom tariff number 85444290

Country of origin US (United States)

Dimensions

Length of cable 0.5 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65
IP67
IP68
General
Rated current at 40°C 2 A
Rated voltage 30 V AC
30 V DC
Number of positions 8
Color handle area black
Insulation resistance $\geq 100 \text{ M}\Omega$
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Protective circuit/component unwired
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
Torque 0.4 Nm (M12 connector)
Material
Flammability rating according to UL 94 HB
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
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 HB
Cable
Cable type PVC yellow 105 °C
Cable type (abbreviation) 542
UL AWM style 2517 (105 °C / 300 V)
AWG signal line 24
Conductor structure signal line 32x 1.10 mm
Core diameter including insulation 1.12 mm $\pm 0.03 \text{ mm}$
Wire colors white, brown, green, yellow, gray, pink, blue, red
Overall twist 8 wires around...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MR/ 0,5-542/M12FR BK 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.