INDUSTRIAL COMPONENT DATA

# SAC-8P-M12MR/ 1,5-542/M12FR BK 1406097 PHOENIX CONTACT Sensor/actuator cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MR/ 1,5-542/M12FR BK**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-8P-M12MR/ 1,5-542/M12FR BK |
| Catalog number | 1406097 |
| Category | Sensor-actuator patch cord |
| Minimum order | 50 Pcs |
| Document ID | EO-2190BD00E8 |
| Generated | 2026-11-19 |

## Product Overview

Sensor/actuator cable
Sensor/Actuator Cable, 8-Pole, PVC, Yellow, Angled Male Connector M12, Encoding: A, to Angled Connection Female M12, Encoding: A, Cable Length: 1.5 m

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Key Commercial Data
Orderkey 1406097
Packing unit 1 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4046356799515
Weight per Piece (excluding packing) 22.220 g
Custom tariff number 85444290
Country of origin US (United States)
Dimensions
Length of cable 1.5 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 >= 100 M?
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 ±0.03 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/ 1,5-542/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

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