INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/7,5-802/M12FR-3L 1086636 PHOENIX CONTACT Sensor/actuator cable, 5-position, PUR halogen-free, r..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/7,5-802/M12FR-3L

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/7,5-802/M12FR-3L
Catalog number	1086636
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-28F908D6D4
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 5-position, PUR halogen-free, resistant to welding sparks, highly flexible, gray RAL 7001, Plug straight M12, with 3 LEDs, A-coded, on Socket straight M12, A-coded, cable length: 7.5 m, for robots and drag chains Sensor/actuator cable, 5-pole, halogen-free, solder-resistant, highly flexible, grey RAL 7001, M12 straight male connector, with 3 LEDs, coding: A, to M12 straight connection female, coding: A, cable length: 7.5 m, for robotics and drag chains

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 1086636
Packing unit 1
GTIN 4055626881614
Custom tariff number 85444290
Drawings
General
Classifications
Dimensions
Cable

Drawings
Cable cross section
PUR, halogen-free, highly stranded, resistant to welding sparks, gray [802]
Back to topDimensions
Length of cable 7.5 m
Back to topGeneral
Number of positions 5
Back to topCable
Note Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.
Cable type PUR, halogen-free, highly stranded, resistant to welding sparks, gray
Cable type (abbreviation) 802
Cable abbreviation Li12Y11Y-HF
Conductor cross section 5x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.3 mm ±0.05 mm (Signal line)
Wire colors Black, brown, blue, white, green/yellow
Overall twist 5 wires around filler to the core
External sheath, color gray RAL 7001
External cable diameter D 5.1 mm ±0.2 mm
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 5 x D
Number of bending cycles 10000000
Minimum bending radius, drag chain applications 7,5 x D
Traversing path 5 m
Traversing rate 3.3 m/s
Acceleration 5 m/s²
Number of bending cycles 15000000
Bending radius 50 mm
Traversing path 0.9 m
Traversing rate 5 m/s
Acceleration 30 m/s²
Torsion force ± 360 °/m (1 000 000 torsion cycles)
Outer sheath, material PUR
Material conductor insulation PES
Conductor material Bare Cu litz wires
Insulation resis...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/7,5-802/M12FR-3L 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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