INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 1,0-800/M12FS-2L 1065856 PHOENIX CONTACT Sensor/actuator cable SAC-4P-M12MS/ 1,0-800/M12FS-2L ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 1,0-800/M12FS-2L

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 1,0-800/M12FS-2L
Catalog number	1065856
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-EDD4A560D9
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-4P-M12MS/ 1,0-800/M12FS-2L - 1065856

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

Sensor/actuator cable, 4-position, PUR halogen-free, resistant to welding sparks, highly flexible, gray RAL 7001, Plug straight M12, A-coded, on Socket straight M12, A-coded, with 2 LEDs, cable length: 1 m
Key Commercial Data
Orderkey 1065856
Packing unit 1
GTIN 4055626731254
Custom tariff number 85444290
Dimensions
Length of cable 1 m
General
Number of positions 4
Cable
Note Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.

Cable type Gray, highly flexible PUR
Cable type (abbreviation) 800
Cable abbreviation Li12YYTPE-HF
UL AWM style 20233
Conductor cross section 4x 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 brown, white, blue, black
Overall twist 4 wires, twisted
External sheath, color gray RAL 7001
External cable diameter D 4.8 mm ±0.2 mm
Minimum bending radius, fixed installation 4 x D
Minimum bending radius, flexible installation 7.5 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)
Cable weight 33.5 kg/km
Outer sheath, material PUR
Material conductor insulation PES
Conductor material Bare Cu litz wires
Insulation resistance >= 20 M?...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 1,0-800/M12FS-2L 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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