INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/25,0-500/M12FS 1425242 PHOENIX CONTACT Sensor/actuator cable SAC-4P-M12MS/25,0-500/M12FS 1425242

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/25,0-500/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/25,0-500/M12FS
Catalog number	1425242
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-BAA7D9E8BB
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-4P-M12MS/25,0-500/M12FS - 1425242
Sensor/actuator cable, 4-pole, PVC, grey RAL 7001, M12 straight male connector, encoding: A, to M12 straight connection female, coding: A, cable length: 25 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

Sensor/actuator cable, 4-position, PVC, gray RAL 7001, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 25 m
Key Commercial Data
Orderkey 1425242
Packing unit 1
GTIN 4055626387628
Custom tariff number 85444290
Dimensions
Length of cable 25 m
Ambient conditions
Degree of protection IP65

IP67
General
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 4
Insulation resistance >= 10 M?
Coding A - standard
Overvoltage category II
Degree of pollution 3
Torque 0.4 Nm
Material
Flammability rating according to UL 94 HB
Contact material CuSn
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
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PVC gray
Cable type (abbreviation) PVC
Cable abbreviation LiYY
UL AWM style 2464 / 1729 (80°C/300 V)
Conductor cross section 4x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 19x 0.15 mm
Core diameter including insulation 1.26 mm ±0.05 mm
Thickness, insulation >= 0.23 mm (Core insulation)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
External sheath, color gray RAL 7001
Outer sheath thickness >= 0.76 mm
External cable diameter D 4.7 mm ±0.15 mm
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Cable weight 40 kg/km
Outer sheath, material PVC
Ma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/25,0-500/M12FS 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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