INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/50-28X/M12FSSHOD 1420783 PHOENIX CONTACT Sensor/actuator cable SAC-8P-M12MS/50-28X/M12FSSHOD 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/50-28X/M12FSSHOD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/50-28X/M12FSSHOD
Catalog number	1420783
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-27B8E22B6A
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-M12MS/50-28X/M12FSSHOD - 1420783
Sensor/actuator cable, 8-pole, halogen-free PE-X/PE-X, black-grey RAL 7021, shielded, M12 straight connector, encoding: A, to M12 straight female, cable length: 50 m, for outdoor applications, with stainless steel knurling

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, 8-position, PE-X/PE-X halogen-free, black-gray RAL 7021, shielded, cable length: 50 m, for outdoor applications, with high-grade steel knurl
Key Commercial Data
Orderkey 1420783
Packing unit 1
GTIN 4055626239798
Custom tariff number 85444290
Dimensions
Length of cable 50 m
Ambient conditions
Ambient temperature (operation) -40 °C ... 105 °C (Plug / socket)

General
Rated current at 40°C 2 A
Rated voltage 30 V AC
30 V DC
Number of positions 8
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Protective circuit/component unwired
Degree of pollution 3
Material
Flammability rating according to UL 94 V0
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PP
Material of grip body PP
Material, knurls Stainless steel
Sealing material FPM
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 V0
Cable
Cable type PE-X black
Cable type (abbreviation) 28X
Cable abbreviation Li2X2X-C-V1-2X
Conductor cross section 8x 0.25 mm²
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation approx. 0.25 mm (Core insulation)
Wire colors white, brown, green, yellow, gray, pink, blue, red
Overall twist 8 wires around filler to the core
Length of twist, overall twist 67 mm
Shielding Braided copper wires
Optical shield covering 85 %
External sheath, color....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/50-28X/M12FSSHOD 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.