INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/5,0-513/M12FS SH8 1409744 PHOENIX CONTACT Sensor/actuator cable SAC-8P-M12MS/5,0-513/M12FS SH8 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/5,0-513/M12FS SH8



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/5,0-513/M12FS SH8
Catalog number	1409744
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-740E2C7B7A
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-M12MS/5,0-513/M12FS SH8 - 1409744
Sensor/actuator cable, 8-pole, halogen-free PUR, grayish black RAL 7021, shielded, M12 straight male connector, encoding: A-encoded, to M12 straight-connecting female, encoding: A-encoded, cable length: 5 m, Client variant

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, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 5 m, Customer version
Key Commercial Data
Orderkey 1409744
Packing unit 1
GTIN 4046356881012
Custom tariff number 85444290
Dimensions
Length of cable 5 m
Ambient conditions
Degree of protection IP65

IP67
General
Rated current at 40°C 2 A
Rated voltage 30 V AC
30 V DC
Number of positions 8
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M12 connector
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
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
Flame resistance in accordance with DIN UL-Style 20549
in acc. with UL FT-2
Resistance to oil in accordance with DIN EN 60811-2-1
Halogen-free in accordance with DIN VDE 0472 part 815
in accordance with DIN EN 50267-2-1
Other resistance hydrolysis and microbe resistant
Resistant to salt water
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) 513
Cable abbreviation Li9Y-St-11Y
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section 7x 0.25 mm² (Signal line)
AWG sign...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/5,0-513/M12FS SH8 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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