INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/0,45-920/8P-FS MG 1410053 PHOENIX CONTACT Bus system cable SAC-5P-M12MS/0,45-920/8P-FS MG 14100..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/0,45-920/8P-FS MG

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/0,45-920/8P-FS MG
Catalog number	1410053
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-721FF48480
Generated	2026-11-19

Product Overview

Bus system cable - SAC-5P-M12MS/0,45-920/8P-FS MG - 1410053
Bus system cable, 5-pole halogen-free, shielded, M12 straight connector, encoding: A, a M12 straight female, encoding: A, cable length: 0.45 m, 8-pole female connector

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

Bus system cable, 5-position, PUR halogen-free, violet RAL 4001, shielded, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 0.45 m, Socket is 8-pos.
Key Commercial Data
Orderkey 1410053
Packing unit 1
GTIN 4046356888660
Custom tariff number 85444290
Dimensions
Length of cable 0.45 m
Ambient conditions
Degree of protection IP65

IP67
IP68
General
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 5
Insulation resistance >= 100 M?
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
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
Sealing material NBR
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type CAN Bus/DeviceNet
Cable type (abbreviation) 920
UL AWM style 21198 (80°C/300 V)
Cable structure 2xAWG24/19+2xAWG22/19
Conductor cross section 2x 0.25 mm² (Data cable)
2x 0.34 mm² (Power supply)
1x 0.34 mm² (Drain wire)
AWG signal line 24
AWG power supply 22
Conductor structure signal line 19x 0.13 mm
Conductor structure, voltage supply 19x 0.15 mm
Core diameter including insulation 1.95 mm ±0.05 mm (Data cable)
1.4 mm ±0.05 mm (Power supply)
Wire colors Red-black, blue-white
Twisted pairs 2 cores to the pair
Type of pair shielding Plastic-...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/0,45-920/8P-FS MG 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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