INDUSTRIAL COMPONENT DATA

SAC-8P-25,0-500/M12FS VA 1556238 PHOENIX CONTACT Sensor/Actuator Cable, 8-Pole, Free Cable End, to Straight ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-25,0-500/M12FS VA

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-25,0-500/M12FS VA
Catalog number	1556238
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-A7CEA56621
Generated	2026-11-19

Product Overview

Sensor/Actuator Cable, 8-Pole, Free Cable End, to Straight Female M12, Encoding: A, Cable Length: 25 m
Cable for sensors/actuators
Sensor/actuator cable, 8-position, free cable end, on Socket straight M12, 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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Number of positions 8
No. of cable outlets 1
Shielded no
Coding A
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Seal material NBR
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuZn
Contact surface material Ni/Au

Contact carrier material TPU GF
Material for screw connection Stainless steel
Electrical propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 30 V AC
30 V DC
Nominal current IN 2 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display No
Status display present No
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket straight M12
Number of positions 8
Coding type A
Cable/lineCable length 25 m
PVC gray [500]
Dimensional drawing
Shielded no
UL AWM Style 2464 / 1729 (80°C/300 V)
Cable weight 54 kg/km
Cable type PVC gray
Cable type (abbreviation) 500
External cable diameter 5.9 mm ±0.2 mm
Outer sheath, material PVC
External sheath, color gray RAL 7001
Thickness, outer sheath >= 0.76 mm
Conductor material Bare Cu litz wires
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 8x 0.25 mm²
Material wire insulation PVC
Thickness, insulation >= 0.23 mm
Wire diameter incl. insulation 1.19 mm ±0.02 mm
Single wire, color white, brown, green, yellow, gray, pink, blue, red...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-25,0-500/M12FS VA 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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