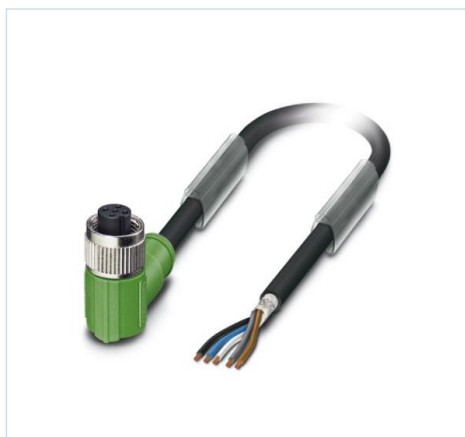


INDUSTRIAL COMPONENT DATA

SAC-5P-25,0-PVC/M12FR SH VA 1402565 PHOENIX CONTACT

Sensor/actuator cable SAC-5P-25,0-PVC/M12FR SH VA 1402565

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-25,0-PVC/M12FR SH VA



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-25,0-PVC/M12FR SH VA
Catalog number	1402565
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-9FBC32FF7F
Generated	2026-08-06

Product Overview

Sensor/actuator cable - SAC-5P-25,0-PVC/M12FR SH VA - 1402565

Sensor/actuator cable, 5-pole, PVC, black RAL 9005, shielded, free cable end, to Elbow connection female 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

Sensor/actuator cable, 5-position, PVC, black RAL 9005, shielded, free cable end, on Socket angled M12, A-coded, cable length: 25 m

Key Commercial Data

Orderkey 1402565

Packing unit 1

GTIN 4046356623766

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 48 V AC

60 V DC

Number of positions 5

Insulation resistance $\geq 100 \text{ M}\Omega$

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 PVC black

Cable type (abbreviation) PVC

Conductor cross section $5 \times 0.34 \text{ mm}^2$ (Signal line)

AWG signal line 22

Conductor structure signal line $42 \times 0.10 \text{ mm}$

Core diameter including insulation $1.35 \text{ mm} \pm 0.02 \text{ mm}$

Thickness, insulation $\geq 0.23 \text{ mm}$ (Core insulation)

$\geq 0.76 \text{ mm}$ (Outer cable sheath)

Wire colors Brown, white, blue, black, gray

Overall twist 5 wires around filler to the core

Shielding Tinned copper braided shield

Optical shield covering 85 %

External sheath, color black RAL 9005

External cable diameter $D 5.9 \text{ mm} \pm 0.2 \text{ mm}$

Cable weight 55 kg/km

Outer sheath, material PVC

Material, filler PVC....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-25,0-PVC/M12FR SH 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

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.