

INDUSTRIAL COMPONENT DATA

SAC-8P-25,0-285/FS SH SCO 1413494 PHOENIX CONTACT

Sensor/actuator cable, 8-pos., PUR, halogen-free, RAL 7001..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-25,0-285/FS SH SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-25,0-285/FS SH SCO
Catalog number	1413494
Category	Sensor-actuator patch cord
Minimum order	15 Pcs
Document ID	EO-8CE52BADCE
Generated	2026-08-04

Product Overview

Sensor/actuator cable, 8-pos., PUR, halogen-free, RAL 7001 (gray), shielded, free cable end to straight M12-SPEEDCON socket, A-coded, cable length: 25 m

Sensor/actuator cable, 8 poles, PUR, halogen-free, grey RAL 7001, shielded, free cable end, in straight M12 SPEEDCON female connector, A-coated, 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

Key Commercial Data

Orderkey 1413494

Packing unit 1

GTIN 4055626000831

Custom tariff number 85444290

Drawings

Ambient conditions

Material

Cable

Classifications

Dimensions

General

Standards and Regulations

Environmental Product Compliance

Drawings

Dimensional drawing

M12 x 1 socket, straight, shielded

Dimensional drawing

M12 x 1 socket, straight, shielded

Circuit diagram

Contact assignment of the M12 socket

Schematic diagram

Pin assignment M12 socket, 8-pos., A-coded, view female side

Cable cross section

PUR, gray, shielded [285]

Back to topDimensions

Length of cable 25 m

Stripping length of the free conductor end 50 mm

Back to topAmbient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Back to topGeneral

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

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

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Back to topMaterial

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

Back to topStandards and Regulations

Flammability rating according to UL 94 HB

Back to topCable

Cable type PUR, gray, shielded

Cable type (abbreviation) 285

Cable abbreviation Li12YC11Y-HF

Conductor cross section 4x 2x 0.25 mm² (Signal line)

1x 0.25 mm² (Drain wire)

AWG signal line 24...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-25,0-285/FS SH SCO 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.