

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 5,0-817/M12FS YE 1090390 PHOENIX CONTACT Sensor/actuator cable, 5-position, PUR halogen-free, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 5,0-817/M12FS YE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 5,0-817/M12FS YE
Catalog number	1090390
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-EA72755C99
Generated	2026-08-04

Product Overview

Sensor/actuator cable, 5-position, PUR halogen-free, welding sputter-resistant, yellow, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 5 m

Sensor/Actuator Cable, 5-Pole, Halogen-Free PUR, Solder Splash Resistant, Yellow, M12 Straight Male Connector, Encoding: A, to M12 Straight Connection Female, Coding: A, Cable Length: 5 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 1090390

Packing unit 1

GTIN 4055626901473

Custom tariff number 85444290

Drawings

General

Standards and Regulations

Classifications

Dimensions

Material

Cable

Drawings

Dimensional drawing

Plug, M12 x 1, straight, shielded

Dimensional drawing

M12 x 1 socket, straight

Circuit diagram

Contact assignment of the M12 plug and the M12 socket

Schematic diagram

Pin assignment M12 male connector, 5-pos., A-coded, male side

Schematic diagram

Pin assignment M12 socket, 5-pos., A-coded, socket side view

Back to topDimensions

Length of cable 5 m

Back to topGeneral

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

Torque 0.2 Nm

Back to topMaterial

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

Back to topStandards and Regulations

Flammability rating according to UL 94 HB

Back to topCable

Cable type PUR, halogen-free, highly flexible, welding-sputter-resistant, yellow

Cable type (abbreviation) 817

Cable abbreviation LiF9Y11Y

UL AWM style 20549 (80°C/300 V)

Conductor cross section $5 \times 0.34 \text{ mm}^2$

AWG signal line 22

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

Core diameter including insu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 5,0-817/M12FS YE 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.