

## INDUSTRIAL COMPONENT DATA

# SAC-4P-M12MS/3,0-800/M12FR3LVW 1423749 PHOENIX CONTACT Sensor/actuator cable

## SAC-4P-M12MS/3,0-800/M12FR3LVW ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/3,0-800/M12FR3LVW



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-4P-M12MS/3,0-800/M12FR3LVW |
| Catalog number  | 1423749                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-B0483FCB70                  |
| Generated       | 2026-08-06                     |

## Product Overview

Sensor/actuator cable - SAC-4P-M12MS/3,0-800/M12FR3LVW - 1423749

## 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 &gt; Industrial Field Connectivity (IFC)

## Additional Product Information

Sensor/actuator cable, 4-position, PUR halogen-free, resistant to welding sparks, highly flexible, gray RAL 7001, Plug straight M12, A-coded, on Socket angled M12, A-coded, with 3 LEDs, cable length: 3 m, for robots and drag chains

## Key Commercial Data

Orderkey 1423749

Packing unit 1

GTIN 4055626352459

Custom tariff number 85444290

## Dimensions

Length of cable 3 m

## Ambient conditions

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

## General

Rated current at 40°C 4 A

Rated voltage 24 V  
24 V DC  
Number of positions 4  
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Coding A - standard  
Standards/regulations M12 connector IEC 61076-2-101  
Status display 3 LEDs  
Protective circuit/component unwired  
Overvoltage category II  
Degree of pollution 3  
Insertion/withdrawal cycles  $\geq 100$   
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  
Standard designation M12 connector  
Standards/regulations IEC 61076-2-101  
Flammability rating according to UL 94 HB  
Cable  
Note Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.  
Cable type Gray, highly flexible PUR  
Cable type (abbreviation) 800  
Cable abbreviation Li12YYTPE-HF  
UL AWM style 20233  
Conductor cross section  $4 \times 0.34 \text{ mm}^2$  (Signal line)  
AWG signal line 22  
Conductor structure s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/3,0-800/M12FR3LVW with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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