

**SAI-4-F 5P PUR 45M****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

**General ordering data**

|                 |                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------|
| Version         | Fixed cable version, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP, 45 m |
| Order No.       | <a href="#">1052340000</a>                                                                    |
| Type            | SAI-4-F 5P PUR 45M                                                                            |
| GTIN (EAN)      | 4032248792320                                                                                 |
| Qty.            | 1 items                                                                                       |
| Delivery status | This article will no longer be available in the future.                                       |
| Last order date | 2025-12-30T00:00:00+01:00                                                                     |

## SAI-4-F 5P PUR 45M

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate No. (cURus) | E141197                    |

## Dimensions and weights

|            |        |                 |             |
|------------|--------|-----------------|-------------|
| Depth      | 102    | Depth (inches)  | 4.0157 inch |
| Height     | 25 mm  | Height (inches) | 0.9842 inch |
| Net weight | 4431 g |                 |             |

## Temperatures

|                       |          |
|-----------------------|----------|
| Operating temperature | -20 - 80 |
|-----------------------|----------|

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Connection data

|                            |        |                    |                     |
|----------------------------|--------|--------------------|---------------------|
| Sheathing stripping length | 100 mm | Distributor outlet | Fixed cable version |
|----------------------------|--------|--------------------|---------------------|

## Electrical data

|                                |      |                                         |       |
|--------------------------------|------|-----------------------------------------|-------|
| Rated voltage, min.            | 10 V | Rated voltage, max.                     | 30 V  |
| Test voltage                   | 1 kV | Max. current-carrying capacity per slot | 4 A   |
| Total current                  | 9 A  | Current per signal                      | 2 A   |
| Electrical isolation available | No   | Insulation resistance                   | 109 Ω |

## General technical data

|                                     |       |                             |         |
|-------------------------------------|-------|-----------------------------|---------|
| Protection degree                   | IP68  | Plug-in station coding      | A-coded |
| Number of poles                     | 5     | Number of contact sockets   | 4       |
| Connection thread                   | M12   | Pollution severity          | 3       |
| Fire behaviour                      | V-0   | Plugging cycles             | ≤ 50    |
| LED                                 | Yes   | LED initiator               | Yes     |
| LED colour for indicating operation | green | LED colour for I/O function | yellow  |

## Material data

|                          |                |                         |                    |
|--------------------------|----------------|-------------------------|--------------------|
| Housing main material    | PA 6 GF        | Material of distributor | Plastic            |
| Housing colour           | grey, RAL 7032 | Screw socket            | Nickel-plated CuZn |
| Contact material         | CuZn           | Contact surface         | Gold-plated        |
| Contact carrier material | PBT (UL 94 V0) |                         |                    |

## Technical data cable

|                 |        |                  |       |
|-----------------|--------|------------------|-------|
| Number of poles | 5      | Sheathing colour | black |
| O.D.            | 8.2 mm | Shielded         | No    |

## SAI-4-F 5P PUR 45M

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

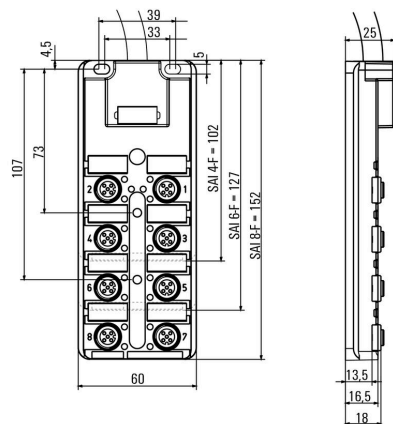
|                 |       |                                   |                                                                                                              |
|-----------------|-------|-----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Halogen         | No    | Bending radius, min., moving      | 10 x cable diameter                                                                                          |
| Bending cycles  | 2 Mio | Wire cross section (Print/Online) | 8 x 0.34 mm <sup>2</sup> + 3 x 1.0 mm <sup>2</sup>                                                           |
| Sheath material | PUR   | Colour coding                     | white, grey, green, yellow, blue, brown, Green/yellow, grey / pink, red / blue, white / green, brown / green |
| Cable length    | 45 m  | Suitable for cable carriers       | Yes                                                                                                          |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002585    | ETIM 9.0    | EC002585    |
| ETIM 10.0   | EC002585    | ECLASS 14.0 | 27-44-01-08 |
| ECLASS 15.0 | 27-44-01-08 |             |             |

## Drawings

### Dimensioned drawing



### Wiring diagram

