

**SAI-8-F 5P PUR 25M****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, 25 m |
| Order No.       | <a href="#">1058390000</a>                                                                    |
| Type            | SAI-8-F 5P PUR 25M                                                                            |
| GTIN (EAN)      | 4032248903931                                                                                 |
| Qty.            | 1 items                                                                                       |
| Delivery status | Discontinued                                                                                  |
| Last order date | 2025-12-30T00:00:00+01:00                                                                     |

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## Technical data

## Approvals

Approvals



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

## Dimensions and weights

|            |          |                 |             |
|------------|----------|-----------------|-------------|
| Height     | 25 mm    | Height (inches) | 0.9842 inch |
| Net weight | 3220.8 g |                 |             |

## Temperatures

|                       |            |
|-----------------------|------------|
| Operating temperature | -20 - 70°C |
|-----------------------|------------|

## Environmental Product Compliance

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

## Connection data

|                    |                     |
|--------------------|---------------------|
| Distributor outlet | Fixed cable version |
|--------------------|---------------------|

## Electrical data

|                                         |      |                       |       |
|-----------------------------------------|------|-----------------------|-------|
| Rated voltage, min.                     | 10 V | Rated voltage, max.   | 30 V  |
| Max. current-carrying capacity per slot | 4 A  | Total current         | 10 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           | 8       |
| Connection thread           | M12    | LED                                 | Yes     |
| LED initiator               | Yes    | LED colour for indicating operation | green   |
| LED colour for I/O function | yellow |                                     |         |

## Material data

|                          |                |                 |                |
|--------------------------|----------------|-----------------|----------------|
| Housing main material    | Pocan          | Housing colour  | grey, RAL 7032 |
| 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.            | 9.7 mm | Shielded                          | No                                                                               |
| Halogen         | No     | Bending radius, min., moving      | 10 x cable diameter                                                              |
| Bending cycles  | 2 Mio  | Wire cross section (Print/Online) | 16 x 0.34 mm <sup>2</sup> + 3 x 1.0 mm <sup>2</sup>                              |
| Sheath material | PUR    | Colour coding                     | white, green, yellow, grey, pink, red, brown, blue, Green/yellow, black, violet, |

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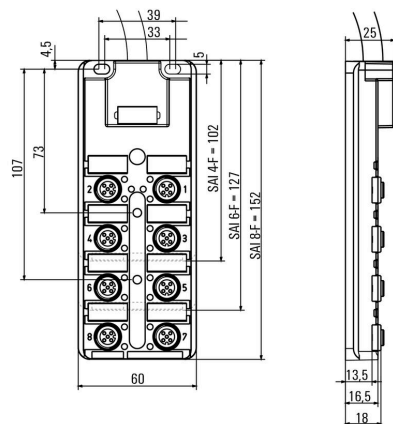
|              |      |                                                                                                                               |     |
|--------------|------|-------------------------------------------------------------------------------------------------------------------------------|-----|
|              |      | grey / pink, red / blue,<br>white / green, brown /<br>green, white / yellow,<br>Yellow / brown, white /<br>grey, grey / brown |     |
| Cable length | 25 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

