

**SAI-04D-VP3V-5A-P12L-PNP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Whereas the standard M12 system requires the sleeves to be laboriously screwed on and that operation is hindered by the vibration guard, M12 Push-Pull works with one click, just like those well-known garden hose systems. The audible locking function guarantees a safe and reliable connection as well as a good seal. The new SAI M12 Push-Pull distributors can be used with M12 plug-in connectors but also with the new M12 Push-Pull plug-in connectors.

**General ordering data**

|            |                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------|
| Version    | with M23 outlet, 19-pole, M12, M23, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP |
| Order No.  | <a href="#">3023710000</a>                                                                        |
| Type       | SAI-04D-VP3V-5A-P12L-PNP                                                                          |
| GTIN (EAN) | 4099986944718                                                                                     |
| Qty.       | 1 pc(s).                                                                                          |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 35.2 mm | Height (inches) | 1.386 inch |
| Width      | 56 mm   | Width (inches)  | 2.205 inch |
| Length     | 108 mm  | Length (inches) | 4.252 inch |
| Net weight | 250 g   |                 |            |

## Temperatures

|                       |            |
|-----------------------|------------|
| Operating temperature | -25 - 80°C |
|-----------------------|------------|

## Connection data

|                    |                          |                   |                          |
|--------------------|--------------------------|-------------------|--------------------------|
| Distributor outlet | with M23 outlet, 19-pole | Tightening torque | M12: 0.4 Nm, M23: 2.5 Nm |
|--------------------|--------------------------|-------------------|--------------------------|

## Standards

|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-010 |
|--------------------|-----------------|

## Electrical data

|                                         |      |                                |      |
|-----------------------------------------|------|--------------------------------|------|
| Rated voltage, min.                     | 10 V | Rated voltage, max.            | 30 V |
| Max. current-carrying capacity per slot | 4 A  | Total current                  | 10 A |
| Current per signal                      | 2 A  | Electrical isolation available | No   |

## General technical data

|                                     |          |                             |                       |
|-------------------------------------|----------|-----------------------------|-----------------------|
| Plug-in station coding              | A-coded  | Protection degree           | when screwed in, IP67 |
| Number of poles                     | 5        | Number of contact sockets   | 4                     |
| Connection thread                   | M12, M23 | Fire behaviour              | V-0                   |
| LED                                 | Yes      | LED initiator               | Yes                   |
| LED colour for indicating operation | green    | LED colour for I/O function | yellow                |

## Material data

|                          |            |                       |             |
|--------------------------|------------|-----------------------|-------------|
| Material O-Ring          | FKM, NBR   | Housing main material | PBT         |
| Material of distributor  | Plastic    | Housing colour        | black       |
| Contact material         | CuZn, CuSn | Contact surface       | Gold-plated |
| Contact carrier material | PA         |                       |             |

## Technical data cable

|                 |   |                             |    |
|-----------------|---|-----------------------------|----|
| Number of poles | 5 | Suitable for cable carriers | No |
|-----------------|---|-----------------------------|----|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002585    | ETIM 7.0    | EC003558    |
| ETIM 8.0    | EC003558    | ETIM 9.0    | EC003558    |
| ETIM 10.0   | EC003558    | ECLASS 9.0  | 27-44-01-08 |
| ECLASS 9.1  | 27-44-01-08 | ECLASS 10.0 | 27-44-01-11 |
| ECLASS 11.0 | 27-44-01-11 | ECLASS 12.0 | 27-44-01-11 |
| ECLASS 13.0 | 27-44-01-11 | ECLASS 14.0 | 27-44-01-11 |
| ECLASS 15.0 | 27-44-01-11 |             |             |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Catalogues

[Catalogues in PDF-format](#)

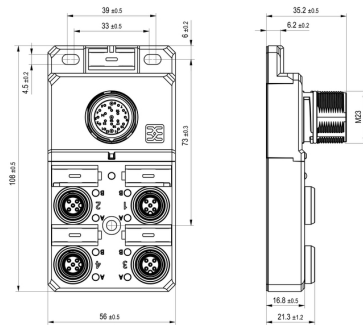
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## Drawings

## Dimensioned drawing



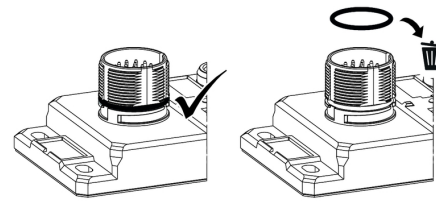
## Detailed drawing

**M23-Schraubanschluss:**  
 Mit O-Ring verwenden

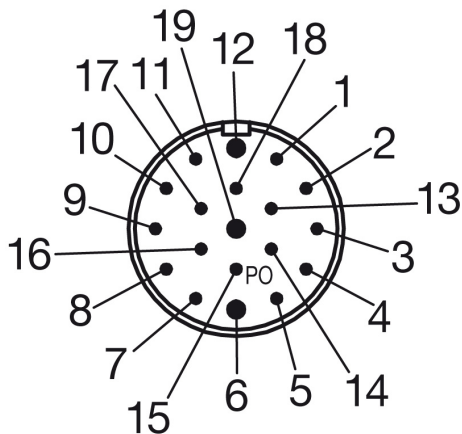
**M23 Screw connection:**  
 Use with O-ring

**M23-Schnellanschluss:**  
 O-Ring entfernen

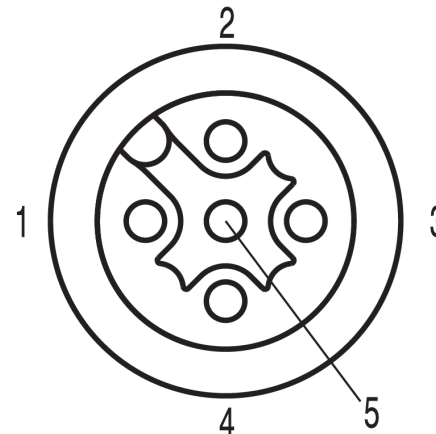
**M23 Quick connection:**  
 Remove O-ring



## Pole scheme



## Pole scheme



## Wiring diagram

