**Weidmüller** 

## SAI-8-F 5P CNOMO 10M

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 | Sensor-actuator passive distributor, Push-Pull, M12, Fixed cable version, 10 m, No |
| Order No. | 1861590000 |
| Type | SAI-8-F 5P CNOMO 10M |
| GTIN (EAN) | 4032248421879 |
| Qty. | 1 pc(s). |
| Delivery status | Discontinued |
| Available until | 2019-03-01 |

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# SAI-8-F 5P CNOMO 10M

## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Height | 26 mm | Height (inches) | 1.024 inch |
| Net weight | 2,020 g | Width | 54 mm |
| Width (inches) | 2.126 inch | | |

### Temperatures

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

### Environmental Product Compliance

| | |
|---|---|
| REACH SVHC | Lead 7439-92-1 |

### Connection data

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

### Electrical data

| | | | |
|---|---|---|---|
| Rated voltage, min. | 10 V | Rated voltage, max. | 50 V |
| Test voltage | 1 kV | Max. current-carrying capacity per slot | 4 A |
| Total current | 8 A | Current per signal | 2 A |
| Electrical isolation available | No | Insulation strength | $10^9$ Ω |

### General technical data

| | | | |
|---|---|---|---|
| Plug-in station coding | A | Protection degree | IP67 |
| Number of poles | 5 | Number of contact sockets | 8 |
| Connection thread | M12 | Pollution severity | 3 |
| Fire behaviour | V-0 | LED | No |
| LED initiator | No | | |

### 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

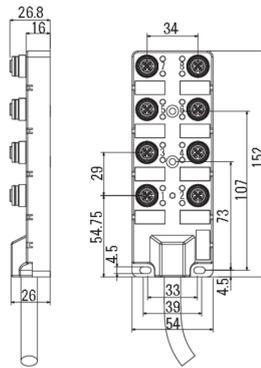| | | | |
|---|---|---|---|
| Bending radius, min., moving | 10 x cable diameter | Bending radius, min., stationary | 5 x cable diameter |
| Colour coding | grey / pink, white, red / blue, green, white / green, yellow, brown / green, grey, white / yellow, pink, Yellow / brown, red, white / grey, black, grey / brown, violet, blue, brown, Green/yellow | Number of poles | 5 |
| O.D. | 10.5 mm | Sheathing colour | Pebble grey |
| Wire cross section | 16 x 0.34 mm² + 3 x 1.0 mm² | Cable length | 10 m |
| Suitable for cable carriers | Yes | | |

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# SAI-8-F 5P CNOMO 10M

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC002585 | ETIM 7.0 | EC002585 |
| ECLASS 9.0 | 27-44-01-08 | ECLASS 9.1 | 27-44-01-08 |
| ECLASS 10.0 | 27-44-01-08 | ECLASS 11.0 | 27-44-01-08 |

### Approvals

Approvals

EAC

| ROHS | Conform |
|---|---|

### Downloads

| Engineering Data | [WSCAD](WSCAD) |
|---|---|

# SAI-8-F 5P CNOMO 10M

## Drawings

### Dimensioned drawing



### Wiring diagram



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