

**SAI-8-F 4P FC 10M****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, Yes
Order No.	<a href="#">1847980000</a>
Type	SAI-8-F 4P FC 10M
GTIN (EAN)	4032248369171
Qty.	1 pc(s).
Available until	2019-07-01
Alternative product	<a href="#">9456760000</a>

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## Technical data

## Dimensions and weights

Height	26 mm	Height (inches)	1.024 inch
Width	54 mm	Width (inches)	2.126 inch
Net weight	1,231 g		

## Temperatures

Operating temperature	-25 - 80°C	Operating temperature, min.	-25 °C
Operating temperature, max.	80 °C		

## Connection data

Sheathing stripping length	100 mm	Distributor outlet	Fixed cable version
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## 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	10 A	Current per signal	2 A
Electrical isolation available	No	Insulation strength	10 <sup>9</sup> Ω

## General technical data

Plug-in station coding	A	Protection degree	IP67
Number of poles	4	Number of contact sockets	8
Connection thread	M12	Pollution severity	3
Fire behaviour	V-0	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

Bending cycles	2 Mio	Bending radius, min., moving	10 x cable diameter
Halogen	No	Number of poles	4
O.D.	8.2 mm	Sheath material	PUR
Sheathing colour	black	Shielded	No
Wire cross section (Print/Online)	8 x 0.34 mm <sup>2</sup> + 3 x 1.0 mm <sup>2</sup>	Cable length	10 m
Suitable for cable carriers	Yes		

## Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
ETIM 8.0	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	ECLASS 12.0	27-44-01-08

**Data sheet**

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**Technical data**

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Approvals**

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E92202

**Downloads**

Engineering Data [WSCAD](#)

Catalogues [Catalogues in PDF-format](#)

Brochures [FL FIELDWIRING EN](#)  
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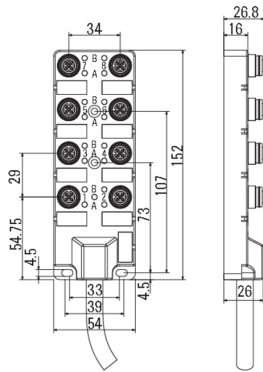
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**Drawings**

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

**Dimensioned drawing**



**Wiring diagram**

