

SAI-8-SH 4P FC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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

Type	SAI-8-SH 4P FC
Order No.	1859 120000
Version	Sensor-actuator passive distributor, Push-Pull, M12, with M23 outlet, 12-pole, Yes
GTIN (EAN)	4032248411078
Qty.	1 pc(s).

Creation date May 31, 2020 6:31:39 AM CEST

Catalogue status 15.05.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Width	54 mm	Width (inches)	2.126 inch
Height	34.3 mm	Height (inches)	1.35 inch
Net weight	286 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection data

Sheathing stripping length	100 mm	Distributor outlet	with M23 outlet, 12-pole
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Standards

Certificate No. (cURus)	E92202
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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	9 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	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

Suitable for cable carriers	No	Number of poles	4
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Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
eClass 9.0	27-44-01-08	eClass 9.1	27-44-01-08
eClass 10.0	27-44-01-11	UNSPSC	30-21-18-01

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Data sheet**SAI-8-SH 4P FC**

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Technical data**Approvals**

Approvals



ROHS

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Brochure/Catalogue [CAT 8 SAI 15/16 EN](#)
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Engineering Data [WSCAD](#)

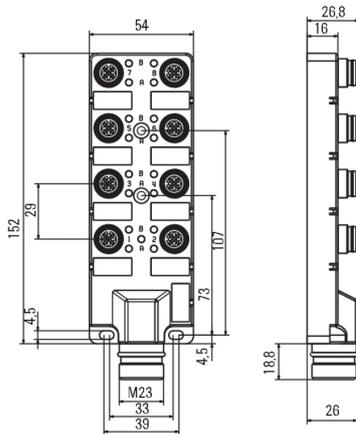
Engineering Data [STEP](#)

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Drawings

Dimensioned drawing



Wiring diagram

