

SAI-8-F 5P FC 10M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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Germany

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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

Delivery status	Discontinued
Available until	2019-07-01
Type	SAI-8-F 5P FC 10M
Order No.	1848010000
Version	Sensor-actuator passive distributor, Push-Pull, M12, Fixed cable version, 10 m, Yes
GTIN (EAN)	4032248369201
Qty.	1 pc(s).
Alternative product	9456900000

Creation date April 22, 2020 8:40:00 PM CEST

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Technical data

Dimensions and weights

Width	54 mm	Width (inches)	2.126 inch
Height	26 mm	Height (inches)	1.024 inch
Net weight	1,760 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	Fixed cable version
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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	10 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	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)		

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Technical data

Technical data cable

Cable length	10 m	Suitable for cable carriers	Yes
Number of poles	5	Wire cross section	16 x 0.34 mm ² + 3 x 1.0 mm ²
O.D.	9.7 mm	Shielded	No
Colour coding	black, white, green, yellow, grey, pink, red, brown, violet, grey / pink, red / blue, white / green, white / yellow, grey / brown, Yellow / brown, white / grey, blue, Green / yellow	Sheath material	PUR
Sheathing colour	black	Halogen	No
Bending radius, min., moving	10 x cable diameter	Bending cycles	2 Mio

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	UNSPSC	30-21-18-01

Approvals

Approvals



ROHS

Conform

Downloads

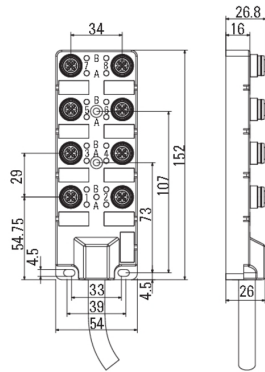
Brochure/Catalogue	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
Engineering Data	WSCAD

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Drawings

Dimensioned drawing



Wiring diagram

