

SAI-8-F 5P FC 2M**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, 2 m, Yes
Order No.	1848020000
Type	SAI-8-F 5P FC 2M
GTIN (EAN)	4032248369218
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2019-07-01
Alternative product	9456880000

Creation date March 25, 2021 8:13:45 PM CET

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Technical data

Dimensions and weights

Height	26 mm	Height (inches)	1.024 inch
Net weight	555 g	Width	54 mm
Width (inches)	2.126 inch		

Temperatures

Operating temperature	-25 - 80°C
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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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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)		

Technical data cable

Bending cycles	2 Mio	Bending radius, min., moving	10 x cable diameter
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	Number of poles	5
O.D.	9.7 mm	Wire cross section	16 x 0.34 mm ² + 3 x 1.0 mm ²
Cable length	2 m	Suitable for cable carriers	Yes

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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



ROHS	Conform
UL File Number Search	E92202

Downloads

Engineering Data	WSCAD
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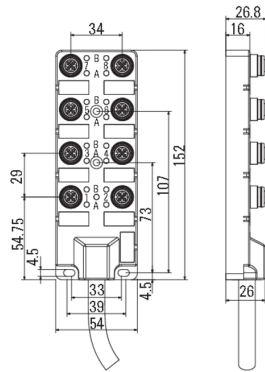
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Drawings

Dimensioned drawing



Wiring diagram

