

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

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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	2010-03-04
Type	SAI-4-F 4P FC 10M N
Order No.	1931950000
Version	Sensor-actuator passive distributor, Push-Pull, M12, Fixed cable version, 10 m, Yes
GTIN (EAN)	4032248581962
Qty.	1 pc(s).

Creation date August 16, 2020 7:45:00 PM CEST

Catalogue status 24.07.2020 / 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	26 mm	Height (inches)	1.024 inch
Net weight	981 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	Test voltage	1 kV
Max. current-carrying capacity per slot	4 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	7	Number of contact sockets	4
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

Cable length	10 m	Suitable for cable carriers	Yes
Number of poles		Wire cross section	4 x 0.34 mm ² + 3 x 1.0 mm ²
O.D.	7.5 mm	Shielded	No
Sheath material	PUR	Sheathing colour	black
Halogen	No	Bending radius, min., moving	10 x cable diameter
Bending cycles	1 mill.		

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Data sheet

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Classifications

UNSPSC 43-17-27-10

Approvals

Approvals



ROHS Conform