SAI-4-S 5P FC

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, with M23 outlet, 19-pole, Yes
Order No.	1847970000
Type	SAI-4-S 5P FC
GTIN (EAN)	4032248369164
Qty.	1 pc(s).

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SAI-4-S 5P FC

Technical data

Dimensions and weights

Depth	116 mm	Depth (inches)	4.567 inch
Height	34.3 mm	Height (inches)	1.35 inch
Net weight	181 g	Width	54 mm
Width (inches)	2.126 inch		

Temperatures

Operating temperature	-25 - 80°C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Connection data

Sheathing stripping length	100 mm	Distributor outlet	with M23 outlet, 19-pole

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	5	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

Number of poles	5	Suitable for cable carriers	No

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	ECLASS 11.0	27-44-01-11

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SAI-4-S 5P FC

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals	

ROHS	Conform
UL File Number Search	E92202

Downloads

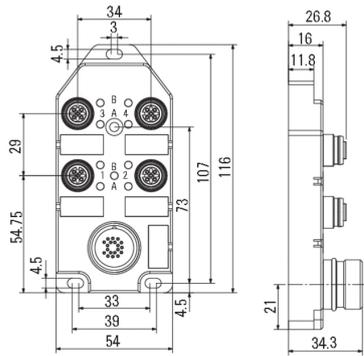|	
Engineering Data	STEP
Engineering Data	WSCAD

Weidmüller ⟩Ͼ

SAI-4-S 5P FC

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Drawings

Dimensioned drawing

Wiring diagram

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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