Data sheet

SAI-8-SHB 5P F13 FC

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	Bayonet joint with female connector at rear, with M23 outlet, 19-pole, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type:
Order No.	1872460000
Type	SAI-8-SHB 5P F13 FC
GTIN (EAN)	4032248454464
Qty.	1 items
Delivery status	Discontinued
Last order date	2026-05-31T00:00:00+02:00

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Width	54 mm	Width (inches)	2.126 inch
Net weight	397 g		

Temperatures

Operating temperature	-25 - 80°C

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	22cbd99b-5f46-4c36-9938-bd61e241a9ab

Connection data

Stripping length (sheathing)	100 mm	Distributor outlet	Bayonet joint with female connector at rear, 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 resistance	109 Ω

General technical data

Protection degree	IP67	Plug-in station coding	A-coded
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

Number of poles	5

Classifications

ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	EC003558	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

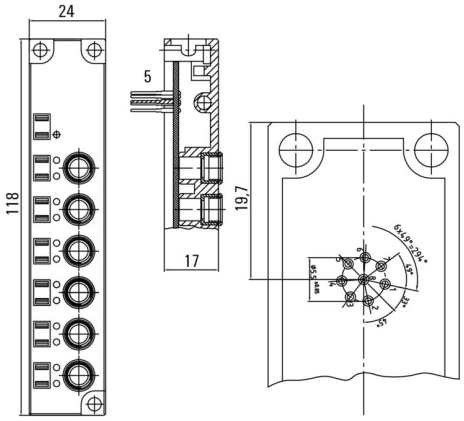
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Drawings

Dimensioned drawing



Wiring diagram

