SAI-8-B 4P M12 F10

M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

General ordering data

Version	Backplane bushing, Ribbon connector, 10-pole, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP
Order No.	1812170000
Type	SAI-8-B 4P M12 F10
GTIN (EAN)	4032248291625
Qty.	1 items

SAI-8-B 4P M12 F10

Technical data

Approvals

ROHS	Conform

Dimensions and weights

Depth	152 mm	Depth (inches)	5.9842 inch
Height	28 mm	Height (inches)	1.1024 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	235.84 g		

Temperatures

Operating temperature	-20 - 90°C

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	4060c755-8d0b-4d43-bdb3-4ffabe9d7497

Connection data

Sheathing stripping length	100 mm	Distributor outlet	Backplane bushing, Ribbon connector, 10-pole

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	1 A
Total current	8 A	Current per signal	2 A
Electrical isolation available	No	Insulation resistance	109 Ω

General technical data

Protection degree	IP65	Plug-in station coding	A-coded
Number of poles	4	Number of contact sockets	8
Connection thread	M12	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	Yes	LED initiator	Yes
LED colour for indicating operation	green	LED colour for I/O function	yellow

Material data

Housing main material	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Hood sealing material	Viton
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	4	Suitable for cable carriers	No

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ETIM 9.0	EC003558

Creation date 12.11.2025 05:47:41 MEZ

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Technical data

ETIM 10.0	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	ECLASS 12.0	27-44-01-11
ECLASS 13.0	27-44-01-11	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

SAI-8-B 4P M12 F10

Dimensioned drawing
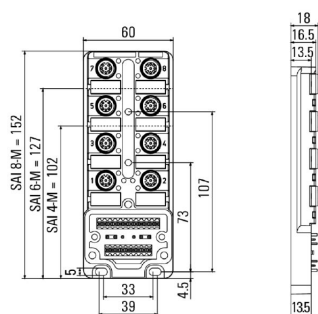
Wiring diagram
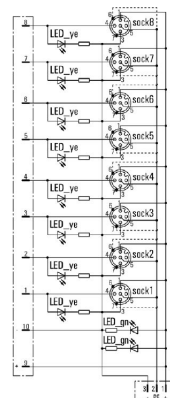
SAI-8-B 4P M12 F10

Accessories

M12

Protective caps protect unassigned plug-in stations against external influences.

General ordering data

| Type	SAI-SK-M12	Version
Order No.	9456050000	Protected component assemblies, Protective cap
GTIN (EAN)	4008190304058	
Qty.	30 ST	

Screwty® cable gland tool with torque function

The ideal tool for any application

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY SET -DM	Version
Order No.	1920000000	Cable gland tool for M8, M12 lines and connectors
GTIN (EAN)	4032248436859	
Qty.	1 ST	

SAI-8-B 4P M12 F10

Accessories

Blank
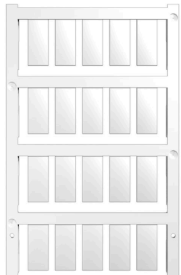
ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc. Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	ESG 9/20 MC NE WS	Version	
Order No.	1609940000	ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable	
GTIN (EAN)	4008190203528		
Qty.	200 ST		