

**SAI-8-S 5P FC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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	with M23 outlet, 19-pole, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP
Order No.	<a href="#">1848040000</a>
Type	SAI-8-S 5P FC
GTIN (EAN)	4032248369232
Qty.	1 items

## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E92202

### Dimensions and weights

Height	34.3 mm	Height (inches)	1.3504 inch
Width	54 mm	Width (inches)	2.126 inch
Net weight	276 g		

### Temperatures

Operating temperature	-25 - 80°C
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### Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

### Connection data

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

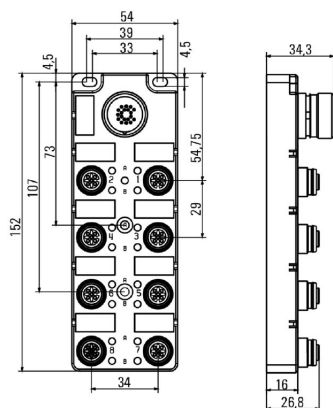
Number of poles	5	Suitable for cable carriers	No
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**Technical data****Classifications**

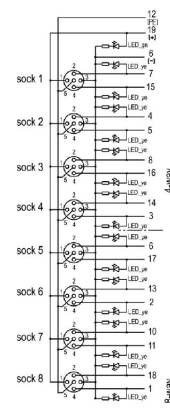
ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	EC003558	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

## Drawings

### Dimensioned drawing



### Wiring diagram



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## Accessories

## M12



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

## General ordering data

Type	SAI-SK-M12	Version	
Order No.	<a href="#">9456050000</a>	Protected component assemblies, Protective cap	
GTIN (EAN)	4008190304058		
Qty.	30 ST		

## Screwty® cable gland tool with torque function



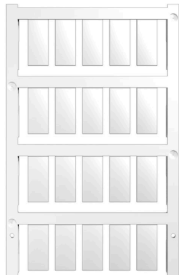
The ideal tool for any application  
Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. 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.	<a href="#">1920000000</a>	Cable gland tool for M8, M12 lines and connectors	
GTIN (EAN)	4032248436859		
Qty.	1 ST		

## 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.	<a href="#">1609940000</a>	ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable
GTIN (EAN)	4008190203528	
Qty.	200 ST	