

## SAI-6-F 4P M12 L 5M

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)



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	Fixed cable version, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP, 5 m
Order No.	<a href="#">1265920000</a>
Type	SAI-6-F 4P M12 L 5M
GTIN (EAN)	4050118055702
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

### Dimensions and weights

Net weight 350 g

### Temperatures

Operating temperature -20 - 80°C

### Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

### Connection data

Distributor outlet Fixed cable version

### Electrical data

Rated voltage, min. 10 V Rated voltage, max. 30 V

Max. current-carrying capacity per slot 3 A Total current 9 A

Current per signal 2 A Electrical isolation available No

### General technical data

Protection degree IP68 Plug-in station coding A-coded

Number of poles 4 Number of contact sockets 6

Connection thread M12 Pollution severity 3

Fire behaviour V-0 LED Yes

LED initiator Yes

### Material data

Housing main material PBT 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 4 Sheathing colour black

O.D. 7.8 mm Shielded No

Halogen No Bending radius, min., moving 10 x cable diameter

Bending cycles 2 Mio Wire cross section (Print/Online) 6 x 0.34 mm<sup>2</sup> + 3 x 1.0 mm<sup>2</sup>

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## Technical data

Sheath material	PUR	Colour coding	red, pink, green, grey, yellow, brown, blue, Green/yellow, white
Cable length	5 m	Suitable for cable carriers	Yes

### Classifications

ETIM 8.0	EC002585	ETIM 9.0	EC002585
ETIM 10.0	EC002585	ECLASS 14.0	27-44-01-08
ECLASS 15.0	27-44-01-08		

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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		

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**Accessories**

**Custom printing**



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

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	WS 10/5 MC SDR	Version
Order No.	<a href="#">1635010000</a>	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190456634	Allen-Bradley, To customer specification
Qty.	144 ST	