

**SAI-4-F 5P M12 L 10M**

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

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, 10 m
Order No.	<a href="#">1070640000</a>
Type	SAI-4-F 5P M12 L 10M
GTIN (EAN)	4032248826834
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

Depth	144 mm	Depth (inches)	5.6693 inch
Height	18.2 mm	Height (inches)	0.7165 inch
Net weight	953.92 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

Sheathing stripping length 100 mm Distributor outlet Fixed cable version

## Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	3 A
Total current	9 A	Current per signal	2 A
Electrical isolation available	No	Insulation resistance	109 Ω

## General technical data

Protection degree	IP68	Plug-in station coding	A-coded
Number of poles	5	Number of contact sockets	4
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	PBT	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	Sheathing colour	black
O.D.	8.2 mm	Shielded	No

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## Technical data

Halogen	No	Bending radius, min., moving	10 x cable diameter
Bending cycles	2 Mio	Wire cross section (Print/Online)	8 x 0.34 mm <sup>2</sup> + 3 x 1.0 mm <sup>2</sup>
Sheath material	PUR	Colour coding	white, green, yellow, grey, grey / pink, red / blue, white / green, brown / green, blue, brown, Green / yellow
Cable length	10 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		

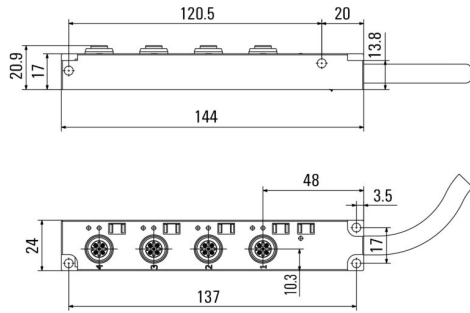
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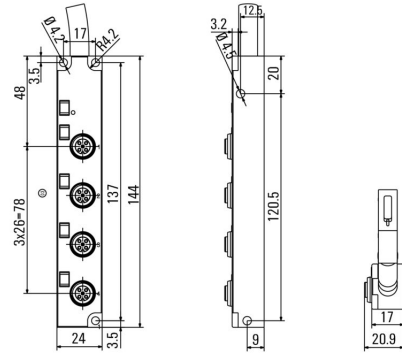
Drawings

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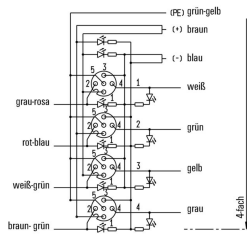
Dimensioned drawing



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		

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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	