

SAI-6-F 4P M12 L 5M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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

Type	SAI-6-F 4P M12 L 5M
Order No.	1265920000
Version	Sensor-actuator passive distributor, M12, Fixed cable version, 5 m, Yes
GTIN (EAN)	4050118055702
Qty.	1 pc(s).

Creation date May 2, 2020 6:40:43 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight	350 g
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Temperatures

Operating temperature, max.	80 °C	Operating temperature, min.	-20 °C
Operating temperature	-20 - 80°C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection data

Distributor outlet	Fixed cable version
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Standards

Certificate No. (cURus)	E92202
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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		

General technical data

Plug-in station coding	A	Protection degree	IP68
Number of poles	4	Number of contact sockets	6
Connection thread	M12	Pollution severity	3
Fire behaviour	V-0	LED	Yes

Material data

Housing main material	PA 6 GF	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

Cable length	5 m	Suitable for cable carriers	Yes
Number of poles	4	Wire cross section	6 x 0.34 mm ² + 3 x 1.0 mm ²
O.D.	7.8 mm	Shielded	No
Colour coding	red, pink, green, grey, yellow, brown, blue, Green/yellow, white	Sheath material	PUR
Sheathing colour	black	Halogen	No
Bending radius, min., moving	10 x cable diameter	Bending cycles	2 Mio

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
eClass 9.0	27-44-01-08	eClass 9.1	27-44-01-08
eClass 10.0	27-44-01-08		

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Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

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Brochure/Catalogue

[CAT 8 SAI 15/16 EN](#)
[FL FIELDWIRING EN](#)

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Accessories

Tool



Tools for stripping the sheathing from uncut power lines and outlet lines, plus screwdrivers for installing Pick-to-Light components.

General ordering data

Type	SCREWTY SET -DM	Version
Order No.	1920000000	Tools, Bolting tool
GTIN (EAN)	4032248436859	
Qty.	1 pc(s).	

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 pc(s).	

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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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo 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.	1635010000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190456634	Allen-Bradley, To customer specification
Qty.	144 pc(s).	