

**SAI-6-F 4P 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	Sensor-actuator passive distributor, M12, Fixed cable version, 10 m, Yes
Order No.	<a href="#">1265930000</a>
Type	SAI-6-F 4P M12 L 10M
GTIN (EAN)	4050118055634
Qty.	1 pc(s).

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Net weight	550 g
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## Temperatures

Operating temperature	-20 - 80°C
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Connection data

Distributor outlet	Fixed cable version
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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

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

## 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	ECLASS 11.0	27-44-01-08

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E92202