

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

Klingenbergstraße 16

D-32758 Detmold

Germany

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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).

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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

Protection degree	IP68	No. 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
No. 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

Data sheet

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Technical data

Classifications

ETIM 4.0	EC002585	ETIM 5.0	EC002585
ETIM 6.0	EC002585	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90	eClass 8.1	27-06-91-90
eClass 9.0	27-44-01-08	eClass 9.1	27-44-01-08

Approvals

Approvals



ROHS

Conform

Downloads

Brochure/Catalogue

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