

SAI-8-M 4P EXI Z1 OL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Passive M12 distributors are available in all conceivable forms and configurations. Furthermore, a number of special versions, e.g. SAI distributors for EX zones or the ergonomic M8, are available only from Weidmüller. These innovative products are backed up by numerous proprietary rights.

General ordering data

Version	Sensor-actuator passive distributor, M12, Hood version Ex, No
Order No.	1894380000
Type	SAI-8-M 4P EXI Z1 OL
GTIN (EAN)	4032248508778
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	289 g
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Temperatures

Operating temperature	-20 - 40°C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection data

Clamping range, min.	0.1 mm ²	Clamping range, max.	1.5 mm ²
Storage space	Standard	Distributor outlet	Hood version Ex
Connection type PE	Screw connection		

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	100 mA
Total current	2.3 A	Current per signal	100 mA
Insulation strength	10 ⁹ Ω		

General technical data

Plug-in station coding	A	Protection degree	IP68
Number of poles	4	Number of contact sockets	8
Connection thread	M12	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	No	LED initiator	No
LED colour for indicating operation	green	LED colour for I/O function	yellow

Material data

Housing main material	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Hood sealing material	Viton
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	Suitable for cable carriers	No
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Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ECLASS 9.0	27-44-01-08
ECLASS 9.1	27-44-01-08	ECLASS 10.0	27-44-01-11
ECLASS 11.0	27-44-01-11		

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Technical data

Approvals

Approvals



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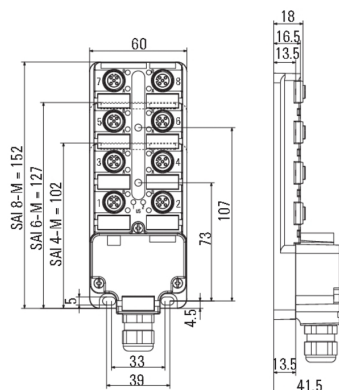
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Drawings

Dimensioned drawing



Wiring diagram

