

## SAI-8-M 5P M12 Ex ia

**Weidmüller Interface GmbH & Co. KG**  
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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

Type	SAI-8-M 5P M12 Ex ia
Order No.	<a href="#">1896090000</a>
Version	Sensor-actuator passive distributor, M12, Hood version Ex, Yes
GTIN (EAN)	4032248511044
Qty.	1 pc(s).

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## Technische Daten

### Dimensions and weights

Net weight 289 g

### General data

Connection type PE	Screw connection	Number of contact sockets	8
Fire behaviour	V-0	Contact tube diameter	M12
No. of poles	5	Storage space	Standard
Plugging cycles	≤ 50	Pollution severity	3
Distributor outlet	Hood version Ex	Insulation resistance	10 <sup>9</sup> Ω
Rated voltage , max.	30 V	Rated voltage , min.	10 V
Test voltage	1 kV	Current per signal	100 mA
Total current	2.3 A	Max. current-carrying capacity per slot	100 mA
Housing main material	Pocan	Housing colour	grey, RAL 7032
Screw socket	CuZn, nickel-plated	Hood sealing material	Viton
Contact material	CuZn	Contact surface	Gold-plated
Contact carrier material	PBT (UL 94 V0)	Clamping range, rated connection, max.	1.5 mm <sup>2</sup>
Clamping range, rated connection, min.	0.1 mm <sup>2</sup>	Conductor O.D.	-
LED initiator	Yes	LED	Yes
LED colour for indicating operation	green	LED colour for I/O function	yellow

### Classifications

ETIM 3.0	EC001856	UNSPSC	43-17-27-10
eClass 5.1	27-25-03-91	eClass 6.2	27-24-26-91
eClass 7.1	27-24-26-91		

### Approvals

Approvals



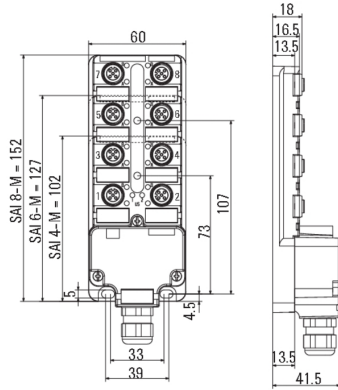
ROHS Conform

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**Zeichnungen**

**Dimensioned drawing**



**Circuit diagram**

