

## SAI Passive SAI-8-MMH 5P M12 ZF

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



Some applications require complete shielding from the sensor to the control. Our metal SAI distributors achieve this complete shielding. EMC glands are included with the distributors. Initiator LEDs are omitted.

They are available in 4- and 8-way M12 versions with 5 or 10 m cables. In addition, these distributors can be used in harsh environments e.g. in the vicinity of welding plant. Hoods with a generous connection space available so that they can be provided with a standard gland up to M25.

- no EMC problems,
- high resistance to chemical or mechanical influences,
- standard fixing dimensions.

### General ordering data

Type	SAI-8-MMH 5P M12 ZF
Order No.	<a href="#">1782740000</a>
Version	SAI Passive, Sensor-actuator passive distributor, M12, Hood version, Yes
GTIN (EAN)	4032248179497
Qty.	1 pc(s).

## SAI Passive SAI-8-MMH 5P M12 ZF

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

## Technische Daten

### Dimensions and weights

Length	152 mm	Width	60 mm
Height	43 mm	Net weight	882 g

### General data

Connection type PE	Tension clamp 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	Insulation resistance	10 <sup>9</sup> Ω
Rated voltage , max.	30 V	Rated voltage , min.	10 V
Electrical isolation available	Yes	Test voltage	1 kV
Current per signal	2 A	Total current	10 A
Max. current-carrying capacity per slot	4 A	Housing main material	Zinc diecast
Housing colour	Silver	Screw socket	CuZn, nickel-plated
Hood sealing material	Foamed PUR	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.	0.08 mm <sup>2</sup>
Conductor O.D.	10 - 14mm	Conductor O.D., max.	14 mm
Conductor O.D., min.	10 mm	LED initiator	Yes
LED	Yes		

### Classifications

ETIM 3.0	EC001856	UNSPSC	30-21-18-01
eClass 6.2	27-06-91-90	eClass 7.1	27-06-91-90

### Approvals

Approvals



ROHS Conform

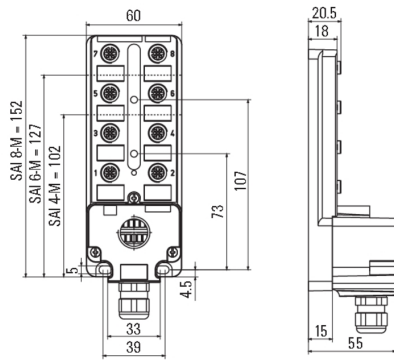
**Datenblatt**

**SAI Passive  
SAI-8-MMH 5P M12 ZF**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Zeichnungen**

**Dimensioned drawing**



**Circuit diagram**

