

**SAI-8-M 4P M12****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	Field bus components, Sensor-actuator passive distributor, M12, Hood version, Yes
Order No.	<a href="#">1705940000</a>
Type	SAI-8-M 4P M12
GTIN (EAN)	4008 190949808
Qty.	1 pc(s).

Creation date December 14, 2022 11:37:08 AM CET

Catalogue status 02.12.2022 / We reserve the right to make technical changes.

## SAI-8-M 4P M12

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	152 mm	Depth (inches)	5.984 inch
Height	41.5 mm	Height (inches)	1.634 inch
Width	60 mm	Width (inches)	2.362 inch
Net weight	263.1 g		

## Temperatures

Operating temperature	-20 - 90°C
-----------------------	------------

## Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Clamping range, min.	0.08 mm <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
Storage space	Standard	Distributor outlet	Hood version
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	4 A
Total current	10 A	Current per signal	2 A
Electrical isolation available	Yes	Insulation strength	10 <sup>9</sup> 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	Yes	LED initiator	Yes
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

Conductor O.D., max.	12 mm	Conductor O.D., min.	6 mm
Number of poles	4	Suitable for cable carriers	No

## 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	ECLASS 12.0	27-44-01-11

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Creation date December 14, 2022 11:37:08 AM CET

Catalogue status 02.12.2022 / We reserve the right to make technical changes.

**Data sheet****SAI-8-M 4P M12**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E141197

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

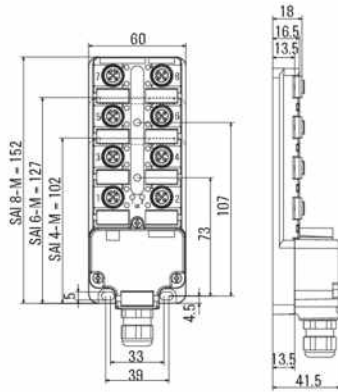
**SAI-8-M 4P M12**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

**Dimensioned drawing**



**Wiring diagram**

