

**SAI Passive**  
**SAI-4 M 4P M12 UT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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-4 M 4P M12 UT
Order No.	<a href="#">1705921000</a>
Version	SAI Passive, Sensor-actuator passive distributor, M12, Hood version, Yes
GTIN (EAN)	4032248147892
Qty.	2 pc(s).

Creation date June 13, 2020 4:51:36 PM CEST

Catalogue status 09.06.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Depth	102 mm	Depth (inches)	4.016 inch
Net weight	120 g		

**Temperatures**

Operating temperature range, max.	90 °C	Operating temperature range, min.	-20 °C
Operating temperature, max.	90 °C	Operating temperature, min.	-20 °C
Operating temperature	-20 - 90°C		

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Connection data**

Conductor O.D., min.	0 mm	Conductor O.D., max.	0 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

**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
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	4
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**

Suitable for cable carriers	No	Number of poles	4
Conductor O.D., min.	0 mm	Conductor O.D., max.	0 mm

**Classifications**

ETIM 6.0	EC002585	ETIM 7.0	EC003558
eClass 9.0	27-44-01-08	eClass 9.1	27-44-01-08
eClass 10.0	27-44-01-11	UNSPSC	30-21-18-01

**Data sheet****SAI Passive  
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**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**

Brochure/Catalogue

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

Engineering Data

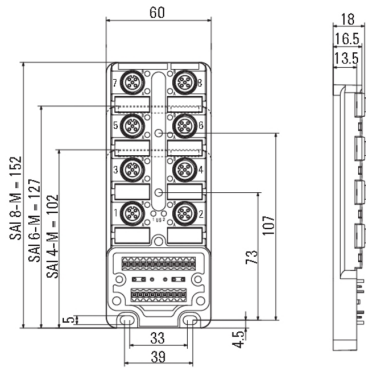
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**Drawings**

**Dimensioned drawing**



**Wiring diagram**

