

**SAI Passive  
SAI-6-M 4P IDC UT**

**Weidmüller Interface GmbH & Co. KG**  
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- The compact IDC system cuts production, installation and maintenance work.
- Knurled metal nuts ensure sturdy, secure handling with little effort.
- The IDC distributors have the same dimensions as the standard SAI distributors. They are compatible with the standard SAI distributors.
- 3-pole version with 1 I/O signal per slot and 4-pole version with 2 I/O signals per slot,
- individual assembly of the sensor/actuator cables on the spot,
- reliable and fast connection thanks to IDC connecting element,
- IP67 class of protection.

**General ordering data**

Type	SAI-6-M 4P IDC UT
Order No.	<a href="#">1766791000</a>
Version	SAI Passive, Sensor-actuator passive distributor, IDC, M12, Hood version, Yes
GTIN (EAN)	4032248220168
Qty.	2 pc(s).

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## Technische Daten

### Dimensions and weights

Length	127 mm	Width	60 mm
Height	41.5 mm	Net weight	151.5 g

### General data

Number of contact sockets	6	Fire behaviour	V-0
Contact tube diameter	M12	No. of poles	4
Storage space	Standard	Pollution severity	2
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	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.	0.08 mm <sup>2</sup>
Conductor O.D.	1.2 - 1.6mm	Conductor O.D., max.	1.6 mm
Conductor O.D., min.	1.2 mm	max. connection of equal cross-section	10
LED initiator	Yes	LED	Yes
LED colour for indicating operation	green	LED colour for I/O function	yellow

### 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

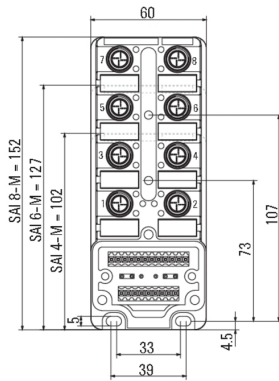
Conform

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**Zeichnungen**

**Dimensioned drawing**



**Circuit diagram**

