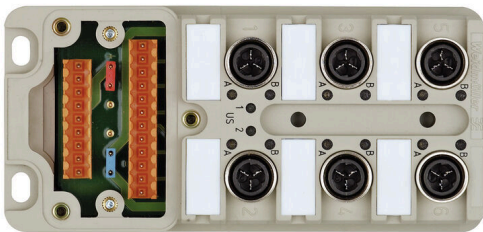


## SAI-6-M 4P IDC UT

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

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



- 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

Version	Hood distributor lower part, IDC, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP
Order No.	<a href="#">1766791000</a>
Type	SAI-6-M 4P IDC UT
GTIN (EAN)	4032248220168
Qty.	2 items

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## Technical data

## Approvals

ROHS	Conform
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## Dimensions and weights

Depth	127 mm	Depth (inches)	5 inch
Height	41.5 mm	Height (inches)	1.6339 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	151.5 g		

## Temperatures

Operating temperature	-20 - 90°C
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## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	22cbd99b-5f46-4c36-9938-bd61e241a9ab

## Connection data

Conductor O.D., min.	1.2 mm	Conductor O.D., max.	1.6 mm
Clamping range, min.	0.08 mm <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
max. connection of equal cross-section	10	Storage space	Standard
Distributor outlet	Hood distributor lower part, IDC		

## 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 resistance	109 Ω

## General technical data

Protection degree	IP67	Plug-in station coding	A-coded
Number of poles	4	Number of contact sockets	6
Connection thread	M12	Pollution severity	2
Fire behaviour	V-0	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

Number of poles	4	Conductor O.D., max.	1.6 mm
Conductor O.D., min.	1.2 mm	Suitable for cable carriers	No

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**Technical data**

**Classifications**

ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	EC003558	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

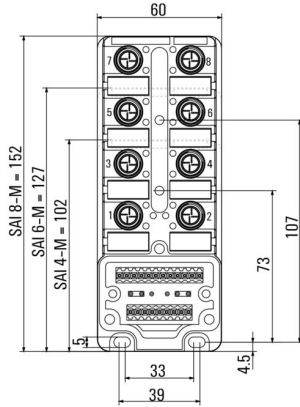
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Drawings

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

Dimensioned drawing



Wiring diagram

