

**SAI Passive
SAI-6-M 3P IDC**

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 3P IDC
Order No.	1760050000
Version	SAI Passive, Sensor-actuator passive distributor, IDC, M12, Hood version, Yes
GTIN (EAN)	4008190200473
Qty.	1 pc(s).

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Technische Daten
Dimensions and weights

Length	127 mm	Width	60 mm
Height	41.5 mm	Net weight	240 g

General data

Connection type PE	Screw connection	Number of contact sockets	6
Fire behaviour	V-0	Contact tube diameter	M12
No. of poles	3	Storage space	Standard
Pollution severity	2	Distributor outlet	Hood version
Insulation resistance	10 ⁹ 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 ²
Clamping range, rated connection, min.	0.08 mm ²	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

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ROHS Conform

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Zeichnungen

Dimensioned drawing

