

SAI Passive SAI-8-M 4P IDC PE

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 Klingenbergstraße 16
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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-8-M 4P IDC PE
Order No.	1804540000
Version	SAI Passive, Sensor-actuator passive distributor, IDC, M12, Hood version, Yes
GTIN (EAN)	4032248265978
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	152 mm	Length (inches)	5.984 inch
Width	60 mm	Width (inches)	2.362 inch
Height	41.5 mm	Height (inches)	1.634 inch
Net weight	286 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.	1.2 mm	Conductor O.D., max.	1.6 mm
Clamping range, min.	0.08 mm ²	Clamping range, max.	1.5 mm ²
max. connection of equal cross-section	10	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 resistance	10 ⁹ Ω

General technical data

Protection degree	IP67	No. of poles	4
Number of contact sockets	8	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	CuZn, nickel-plated	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

Technical data cable

No. of poles	4	Conductor O.D., min.	1.2 mm
Conductor O.D., max.	1.6 mm		

Data sheet

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Technical data

Classifications

ETIM 3.0	EC001856	ETIM 4.0	EC002585
ETIM 5.0	EC002585	ETIM 6.0	EC002585
UNSPSC	30-21-18-01	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90	eClass 8.1	27-06-91-90
eClass 9.0	27-06-91-90	eClass 9.1	27-44-01-08

Approvals

Approvals



ROHS Conform

Downloads

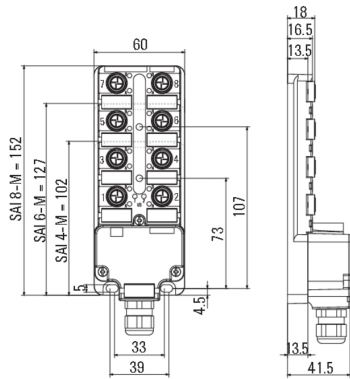
Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	WSCAD

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Drawings

Dimensioned drawing



Wiring diagram

