

SAI-8-F 4P IDC PUR 5M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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	Fixed cable version, IDC, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP, 5 m
Order No.	1766700000
Type	SAI-8-F 4P IDC PUR 5M
GTIN (EAN)	4032248107407
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Last order date	2025-12-30T00:00:00+01:00

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Technical data

Approvals

Approvals



ROHS Conform
 UL File Number Search [UL Website](#)
 Certificate No. (cULus) E141197

Dimensions and weights

Depth	152 mm	Depth (inches)	5.9842 inch
Height	25 mm	Height (inches)	0.9842 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	751 g		

Temperatures

Operating temperature -20 - 80°C

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption
 RoHS Exemption (if applicable/known) 6c
 REACH SVHC Lead 7439-92-1
 SCIP 4060c755-8d0b-4d43-bdb3-4ffabe9d7497

Connection data

Conductor O.D., min.	1.2 mm	Sheathing stripping length	15 mm
max. connection of equal cross-section	10	Distributor outlet	Fixed cable version, 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	9 A	Current per signal	2 A
Electrical isolation available	No	Insulation resistance	109 Ω

General technical data

Protection degree	IP67	Plug-in station coding	A-coded
Number 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	Screw socket	Nickel-plated CuZn
Contact material	CuZn	Contact surface	Gold-plated
Contact carrier material	PBT (UL 94 V0)		

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Technical data cable

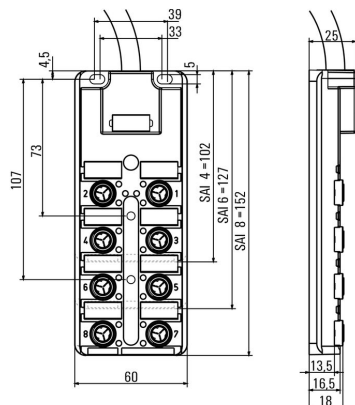
Number of poles	4	Sheathing colour	black
O.D.	8.5 mm	Shielded	No
Halogen	No	Conductor O.D., min.	1.2 mm
Bending radius, min., moving	10 x cable diameter	Bending cycles	2 Mio
Wire cross section (Print/Online)	16 x 0.34 mm ² + 2 x 0.75 mm ²	Sheath material	PUR
Colour coding	blue, brown, white, green, yellow, grey, pink, red, black, violet, red / blue, grey / pink, white / green, brown / green, white / yellow, Yellow / brown, white / grey, grey / brown	Cable length	5 m
Suitable for cable carriers	Yes		

Classifications

ETIM 8.0	EC002585	ETIM 9.0	EC002585
ETIM 10.0	EC002585	ECLASS 14.0	27-44-01-08
ECLASS 15.0	27-44-01-08		

Drawings

Dimensioned drawing



Wiring diagram

