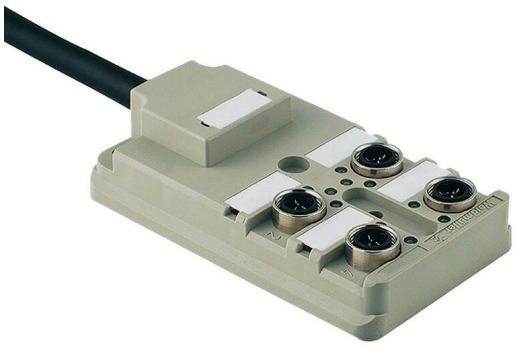
Data sheet

SAI-4-F 4P IDC PUR 10M

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, 10 m
Order No.	1766670000
Type	SAI-4-F 4P IDC PUR 10M
GTIN (EAN)	4032248107476
Qty.	1 items

Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E141197

Dimensions and weights

Depth	102 mm	Depth (inches)	4.0157 inch
Height	25 mm	Height (inches)	0.9842 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	794.64 g		

Temperatures

Operating temperature	-20 - 80°C

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	4060c755-8d0b-4d43-bdb3-4ffabe9d7497

Connection data

Conductor O.D., min.	1.2 mm	Stripping length (sheathing)	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	4
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

Technical data cable

Number of poles	4	Sheathing colour	black
O.D.	7.4 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)	8 x 0.34 mm² + 2 x 0.75 mm²	Sheath material	PUR
Colour coding	blue, brown, brown / green, yellow, grey, grey / pink, green, red / blue, white, white / green	Cable length	10 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		

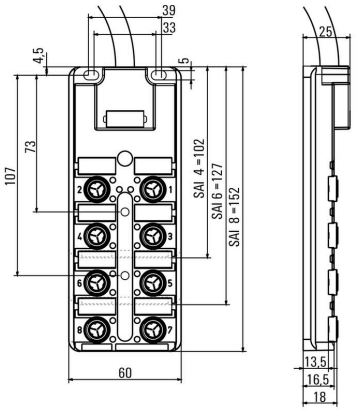
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Drawings

Dimensioned drawing



Wiring diagram

