

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	SAI Passive, Sensor-actuator passive distributor, IDC, M12, Fixed cable version, 5 m, Yes
Order No.	1766700000
Type	SAI-8-F 4P IDC PUR 5M
GTIN (EAN)	4032248107407
Qty.	1 pc(s).

SAI-8-F 4P IDC PUR 5M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	152 mm	Depth (inches)	5.984 inch
Height	25 mm	Height (inches)	0.984 inch
Net weight	751 g	Width	60 mm
Width (inches)	2.362 inch		

Temperatures

Operating temperature	-20 - 80°C
-----------------------	------------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Connection data

Conductor O.D., min.	1.2 mm	Conductor O.D., max.	1.6 mm
Sheathing stripping length	15 mm	max. connection of equal cross-section	10
Distributor outlet	Fixed cable version		

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 strength	10 ⁹ Ω

General technical data

Plug-in station coding	A	Protection degree	IP67
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)		

SAI-8-F 4P IDC PUR 5M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Technical data cable

Bending cycles	2 Mio	Bending radius, min., moving	10 x cable diameter
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	Conductor O.D., max.	
Conductor O.D., min.	1.2 mm	Halogen	No
Number of poles	4	O.D.	8.5 mm
Sheath material	PUR	Sheathing colour	black
Shielded	No	Wire cross section	16 x 0.34 mm ² + 2 x 0.75 mm ²
Cable length	5 m	Suitable for cable carriers	Yes

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
ECLASS 9.0	27-44-01-08	ECLASS 9.1	27-44-01-08
ECLASS 10.0	27-44-01-08	ECLASS 11.0	27-44-01-08

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Engineering Data	STEP
Engineering Data	WSCAD

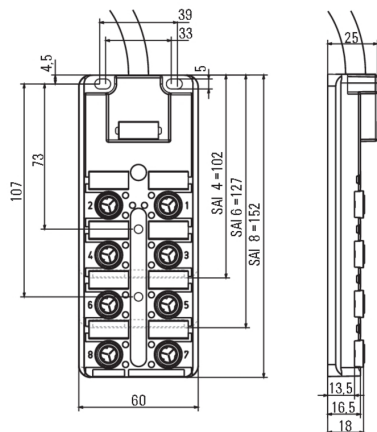
SAI-8-F 4P IDC PUR 5M

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

www.weidmueller.com

Drawings

Dimensioned drawing



Wiring diagram

