



Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com







Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

The IDC is simple and quick to assemble since this technology allows the conductor to be inserted directly into the terminal point, without crimping or having to strip the insulation. It also has excellent functional security.

General ordering data

Version	Field attachable connector, M12
Order No.	<u>1812890000</u>
Туре	SAIBWI-P-4A-4/5.1-M12
GTIN (EAN)	4032248296446
Qty.	1 items



SAIBWI-P-4A-4/5.1-M12



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Technical data

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ROHS	Conform

Dimensions and weights

Net weight 25.1 g

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1

Technical data customisable plug-in connectors

Number of poles	4	Coding	A-coded
Contact surface	tinned	Type of connection	Insulation displacement connection
Housing main material	CuZn	Insulation resistance	108 Ω
Cable diameter, max.	5.1 mm	Cable diameter, min.	4 mm
Conductor cross-section, max.	0.5 mm ²	Conductor cross-section, min.	0.25 mm ²
Nominal voltage	32 V	Nominal current	4 A
Protection degree	IP67	Plugging cycles	≥ 50
Pollution severity	3	Gender of contact	Female
Shield connection	No	Threaded ring material	Diecast zinc
Temperature range of housing	-25+85 °C		

General Info

Number of poles	4	Connection 1	M12
Connection 2	IDC	Description of article	SAISW IDC / SAIBW IDC
Housing main material	CuZn	Connection thread	M12
Contact surface	tinned	Protection degree	IP67
Plugging cycles	≥ 50		

Standards

Connector standard	IEC 61076-2-101	

Classifications

EC002635	ETIM 7.0	EC002635
EC002635	ETIM 9.0	EC002635
EC002635	ECLASS 9.0	27-44-01-02
27-44-01-03	ECLASS 10.0	27-44-01-02
27-44-01-02	ECLASS 12.0	27-44-01-16
27-44-01-02	ECLASS 14.0	27-44-01-16
27-44-01-16		
	EC002635 EC002635 27-44-01-03 27-44-01-02 27-44-01-02	EC002635 ETIM 9.0 EC002635 ECLASS 9.0 27-44-01-03 ECLASS 10.0 27-44-01-02 ECLASS 12.0 27-44-01-02 ECLASS 14.0

Catalogue status / Drawings 2

SAIBWI-P-4A-4/5.1-M12



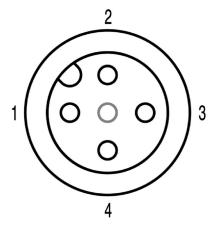
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Drawings

Pole scheme



SAIBWI-P-4A-4/5.1-M12



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Drawings

