SAIBW-4/9-7/8

Weidmüller Interface GmbH & Co. KG
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 sockets for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The 7/8" round plug-in connectors can transmit large amount of power.
The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

Version	Field attachable connector, 7/8", Socket, angled
Order No.	1812470000
Type	SAIBW-4/9-7/8
GTIN (EAN)	4032248294510
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	51 g

Temperatures

Operating temperature	-20 °C...85 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Imidazolidine-2-thione 96-45-7	SCIP	10f6f563-34ca-4ce4-9e59-cf656b2f4d8b

Technical data customisable plug-in connectors

Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Cable glands	PG 9	Coding	none
Conductor cross-section, max.	1.5 mm²	Conductor cross-section, min.	0.5 mm²
Connection cross-section, max.	1.5 mm²	Connection cross-section, min.	0.14 mm²
Contact surface	Gold-plated	Housing main material	PBT
Insulation strength	10^8 Ω	Number of poles	4
Plugging cycles	≥ 50	Pollution severity	3
Protection degree	IP67	Rated current	9 A
Rated current	9 A (4- and 5-pole), 12 A (3-pole)	Rated voltage	250 V
Rated voltage	250 V	Shield connection	No
Temperature range of housing	-40 ... +85 ° C	Threaded ring material	Diecast zinc
Type of connection	Screw connection		

General data

Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Cable glands	PG 9	Coding	none
Conductor O.D.	-	Conductor cross-section, max.	1.5 mm²
Conductor cross-section, min.	0.5 mm²	Connection thread	7/8"
Contact material	CuZn	Contact surface	Gold-plated
Housing main material	PBT	Insulation strength	10^8 Ω
Number of poles	4	Plugging cycles	≥ 50
Pollution severity	3	Protection degree	IP67
Rated current	9 A	Rated current	9 A (4- and 5-pole), 12 A (3-pole)
Rated voltage	250 V	Rated voltage	250 V
Shield connection	No	Temperature range of housing	-40 ... +85 ° C
Type of connection	Screw connection		

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ECLASS 9.0	27-44-01-02
ECLASS 9.1	27-44-01-03	ECLASS 10.0	27-44-01-02
ECLASS 11.0	27-44-01-02	ECLASS 12.0	27-44-01-16

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E307231

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



