



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"
Order No.	1812480000
Type	SAIB-4/9-7/8
GTIN (EAN)	4032248294527
Qty.	1 items

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E307231

Dimensions and weights

Net weight 37 g

Temperatures

Storage temperature Operating temperature -20 °C...85 °C

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1, Imidazolidine-2-thione 96-45-7

SCIP 10f6f563-34ca-4ce4-9e59-cf656b2f4d8b

Technical data customisable plug-in connectors

Number of poles	4	Coding	none
Contact surface	Gold-plated	Type of connection	Screw connection
Housing main material	PBT	Insulation resistance	108 Ω
Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Contact material	CuZn	Conductor cross-section, max.	1.5 mm ²
Conductor cross-section, min.	0.5 mm ²	Nominal voltage	300 V
Nominal current	9 A	Protection degree	IP67
Plugging cycles	≥ 50	Pollution severity	3
Cable gland	PG 9	Rated current	9 A (4- and 5-pole), 12 A (3-pole)
Gender of contact	Female	Shield connection	No
Threaded ring material	Diecast zinc	Temperature range of housing	-40 ... +85 °C
Connection cross-section, max.	1.5 mm ²	Connection cross-section, min.	0.14 mm ²

General data

Number of poles	4	Coding	none
Connection thread	7/8"	Contact surface	Gold-plated
Type of connection	Screw connection	Housing main material	PBT
Insulation resistance	108 Ω	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Contact material	CuZn
Conductor cross-section, max.	1.5 mm ²	Conductor cross-section, min.	0.5 mm ²
Nominal voltage	300 V	Nominal current	9 A
Protection degree	IP67	Plugging cycles	≥ 50
Pollution severity	3	Cable gland	PG 9
Basic material	Plastic	Rated voltage	300 V
Rated current	9 A (4- and 5-pole), 12 A (3-pole)	Connection 1	7/8"
Connection 2	Screw	Rated impulse voltage	4000 V

Technical data

Shield connection	No	Rated voltage (UL)	600 V
Temperature range of housing	-40 ... +85 °C	Conductor O.D.	-

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	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
ECLASS 13.0	27-44-01-02	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

Drawings

