

## SAIBGZ-P-5A-6/8-M12

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.

Tension-clamp connection delivers excellent functional security and reduced installation times. With this technology the conductor is plugged into the tension clamp without a wire-end ferrule (optionally with wire-end ferrule). The connection between the conductor and tension clamp is vibration-resistant and boasts long-term stability.

### General ordering data

Version	Field attachable connector, M12
Order No.	<a href="#">1044710000</a>
Type	SAIBGZ-P-5A-6/8-M12
GTIN (EAN)	4032248777167
Qty.	1 items

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Net weight 20.16 g

**Environmental Product Compliance**

RoHS Compliance Status Compliant without exemption  
 REACH SVHC Imidazolidine-2-thione 96-45-7  
 SCIP a2cb82cf-1eab-43cd-bafb-63d26622fe9e

**Technical data customisable plug-in connectors**

Number of poles	5	Coding	A-coded
Contact surface	Gold-plated	Type of connection	Tension-clamp connection
Housing main material	PA	Insulation resistance	108 Ω
Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Conductor cross-section, max.	0.5 mm <sup>2</sup>	Conductor cross-section, min.	0.14 mm <sup>2</sup>
Nominal voltage	60 V	Nominal current	4 A
Protection degree	IP67	Plugging cycles	≥ 100
Pollution severity	3	Gender of contact	Female
Shield connection	No	Threaded ring material	Diecast zinc
Temperature range of housing	-40 ... +85 ° C		

**General Info**

Number of poles	5	Connection 1	M12
Connection 2	Tension-clamp	Housing main material	PA
Connection thread	M12	Contact surface	Gold-plated
Protection degree	IP67	Plugging cycles	≥ 100

**Classifications**

ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

Drawings

Pole scheme

