

## SAIBW-M-4/7 M12 ZF

**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	Sockets prefabricated to customer spec., M12, Socket, angled
Order No.	<a href="#">1125550000</a>
Type	SAIBW-M-4/7 M12 ZF
GTIN (EAN)	403224890786 1
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight 70 g

**Environmental Product Compliance**REACH SVHC Lead 7439-92-1,  
Imidazolidine-2-thione  
96-45-7**Technical data customisable plug-in connectors**

Cable diameter	4...6 mm (PG7)	Cable diameter, max.	6 mm
Cable diameter, min.	4 mm	Coding	A
Conductor cross-section, max.	0.5 mm <sup>2</sup>	Conductor cross-section, min.	0.25 mm <sup>2</sup>
Connection cross-section, max.	0.5 mm <sup>2</sup>	Connection cross-section, min.	0.14 mm <sup>2</sup>
Contact surface	Gold-plated	Housing main material	PA
Insulation strength	10 <sup>8</sup> Ω	Number of poles	4
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	250 V	Rated voltage (text)	250 V (4-pole) / 60 V (5-pole)
Shield connection	Yes	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Diecast zinc	Type of connection	Tension-clamp connection

**Classifications**

ETIM 6.0	EC002635	ETIM 7.0	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

**Approvals**

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