

**SAISW-M8-3P(TL)****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 M8 round plug-in connectors are particularly suited to applications where space is limited.

The solder connection provides high contact density on a small area. With this technology the stripped conductor is soldered to the contacts, producing good electrical conductivity.

**General ordering data**

Version	Field attachable connector, M8, pin, 90&deg;
Order No.	<a href="#">1920990000</a>
Type	SAISW-M8-3P(TL)
GTIN (EAN)	4032248562435
Qty.	1 pc(s).

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

Net weight 10.7 g

**Temperatures**

Operating temperature, min. -40 °C Operating temperature, max. 85 °C

**Technical data customisable plug-in connectors**

Cable diameter	3.5...5 mm	Cable diameter, max.	5 mm
Cable diameter, min.	3.5 mm	Coding	none, A
Conductor cross-section, max.	0.25 mm <sup>2</sup>	Conductor cross-section, min.	0.14 mm <sup>2</sup>
Connection cross-section, max.	0.25 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	3
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	60 V	Rated voltage	60 V
Shield connection	No	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Diecast zinc	Type of connection	Solder connection

**Standards**

Connector standard IEC 61076-2-104

**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

**Environmental Product Compliance**REACH SVHC Lead 7439-92-1  
SCIP ebf89fc8-a87f-4691-b87a-dfb9921774b4**Approvals**

Approvals

ROHS Conform  
UL File Number Search UL Website  
Certificate no. (cULus) E307231**Downloads**Engineering Data [CAD data – STEP](#)  
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Creation date March 9, 2023 12:56:31 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.