

SAIBW-M8-3P(TL)**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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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, Socket, angled
Order No.	1920970000
Type	SAIBW-M8-3P(TL)
GTIN (EAN)	4032248562411
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight 8 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.	5.5 mm
Cable diameter, min.	3.5 mm	Coding	none, A
Conductor cross-section, max.	0.25 mm ²	Conductor cross-section, min.	0.25 mm ²
Connection cross-section, max.	0.25 mm ²	Connection cross-section, min.	0.25 mm ²
Contact surface	Gold-plated	Housing main material	PA
Insulation strength	10 ⁸ 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

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