Data sheet

SAI-M12-KBC-22/24

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 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.
The crimp connection is characterised by high functional reliability. With this connection technology, the conductor is crimped to the contact and then engaged in the contact carrier. The connection between the conductor and crimp is vibration-resistant and boasts long-term stability.
Crimp contacts are to be ordered separately.

General ordering data

Version	Contact
Order No.	2673730000
Type	SAI-M12-KBC-22/24
GTIN (EAN)	4050118754599
Qty.	100 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Net weight	0.29 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

Technical data customisable plug-in connectors

Contact surface	Gold-plated	Connection cross-section	AWG 22 - AWG 24
Type of connection	Crimp connection	Contact material	Copper alloy
Nominal current	7 A	Plugging cycles	≥ 250
Pollution severity	3	Gender of contact	Female
Connection cross-section, max.	0.33 mm²	Connection cross-section, min.	0.21 mm²

General Info

Connection 1	M12 Contact	Connection 2	Crimp
Contact material	Copper alloy	Contact surface	Gold-plated
Wire connection cross section, finely stranded, min.	0.21 mm²	Wire connection cross-section, finely stranded, max.	0.33 mm²
Wire cross-section, solid, min.	0.21 mm²	Wire cross-section, solid, max.	0.33 mm²
Plugging cycles	≥ 250		

Classifications

ETIM 8.0	EC000796	ETIM 9.0	EC000796
ETIM 10.0	EC000796	ECLASS 14.0	27-44-02-92
ECLASS 15.0	27-44-02-92		

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Accessories

...for M12



Weidmüller offers a wide range of tools and accessories for sensor-actuator cabling.

General ordering data

Type	SAI-TMCSK	Version
Order No.	1381690000	Pressing tool, 4-indent crimp
GTIN (EAN)	4050118183870	
Qty.	1 ST	
Type	SAI-TMC-PD	Version
Order No.	1381700000	Crimping tool insert, 4-indent crimp
GTIN (EAN)	4050118183856	
Qty.	1 ST	