



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.	<a href="#">2664840000</a>
Type	SAI-M12-KSC-18/20
GTIN (EAN)	4050118755091
Qty.	100 items

**Technical data****Approvals**

RoHS	Conform
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**Dimensions and weights**

Net weight	0.2 g
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**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**

Number of poles	1	Contact surface	Gold-plated
Connection cross-section	AWG 18 - AWG 20	Type of connection	Crimp connection
Contact material	Copper alloy	Conductor cross-section, max.	0.82 mm <sup>2</sup>
Conductor cross-section, min.	0.52 mm <sup>2</sup>	Nominal current	7 A
Plugging cycles	≥ 250	Pollution severity	3
Gender of contact	Male	Connection cross-section, max.	0.82 mm <sup>2</sup>
Connection cross-section, min.	0.52 mm <sup>2</sup>		

**General Info**

Number of poles	1	Connection 1	M12 Contact
Connection 2	Crimp	Contact material	Copper alloy
Contact surface	Gold-plated	Wire connection cross section, finely stranded, min.	0.52 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	0.82 mm <sup>2</sup>	Wire cross-section, solid, min.	0.52 mm <sup>2</sup>
Wire cross-section, solid, max.	0.82 mm <sup>2</sup>	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		

**SAI-M12-KSC-18/20**

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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.	<a href="#">1381690000</a>	Pressing tool, 4-indent crimp
GTIN (EAN)	4050118183870	
Qty.	1 ST	
Type	SAI-TMC-PD	Version
Order No.	<a href="#">1381700000</a>	Crimping tool insert, 4-indent crimp
GTIN (EAN)	4050118183856	
Qty.	1 ST	