

**SAI-M12-KSC-20/22****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.

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="#">2664850000</a>	
Type	SAI-M12-KSC-20/22	
GTIN (EAN)	4050118755220	
Qty.	100 pc(s).	

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## Technical data

## Dimensions and weights

Net weight	0.2 g
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## Technical data customisable plug-in connectors

Connection cross-section	AWG 20 - AWG 22	Connection cross-section, max.	0.52 mm <sup>2</sup>
Connection cross-section, min.	0.33 mm <sup>2</sup>	Contact material	Copper alloy
Contact surface	Gold-plated	Gender of contact	Male
Number of poles	4	Plugging cycles	≥ 250
Pollution severity	3	Rated current	7 A
Type of connection	Crimp connection		

## General Info

Number of poles	4	Connection 1	M12 Contact
Connection 2	Crimp	Contact material	Copper alloy
Contact surface	Gold-plated	Wire connection cross section, finely stranded, min.	0.33 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	0.52 mm <sup>2</sup>	Plugging cycles	≥ 250

## Classifications

ETIM 6.0	EC000796	ETIM 7.0	EC000796
ETIM 8.0	EC000796	ETIM 9.0	EC000796
ETIM 10.0	EC000796	ECLASS 9.0	27-44-02-92
ECLASS 9.1	27-44-02-90	ECLASS 10.0	27-44-02-92
ECLASS 11.0	27-44-02-92	ECLASS 12.0	27-44-02-92
ECLASS 13.0	27-44-02-92	ECLASS 14.0	27-44-02-92
ECLASS 15.0	27-44-02-92		

## Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

## Approvals

ROHS	Conform
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## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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[www.weidmueller.com](http://www.weidmueller.com)**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 pc(s).	
Type	SAI-TMC-PD	Version
Order No.	<a href="#">1381700000</a>	Pressing tool, 4-indent crimp
GTIN (EAN)	4050118183856	
Qty.	1 pc(s).	