SAI-M12-KSC-18/20

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, Pin
Order No.	2664840000
Type	SAI-M12-KSC-18/20
GTIN (EAN)	4050118755091
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Net weight	0.2 g

Technical data customisable plug-in connectors

Connection cross-section	AWG 18 - AWG 20	Connection cross-section, max.	0.82 mm²
Connection cross-section, min.	0.52 mm²	Contact material	Copper alloy
Contact surface	Gold-plated	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		Wire connection cross section, finely stranded, min.	
	Gold-plated		0.52 mm²
Wire connection cross section, finely stranded, max.	0.82 mm²	Plugging cycles	
			≥ 250

Classifications

ETIM 6.0	EC000796	ETIM 7.0	EC000796
ETIM 8.0	EC000796	ETIM 9.0	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		

Environmental Product Compliance

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

Approvals

ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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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 pc(s).		
Type	SAI-TMC-PD	Version	
Order No.	1381700000	Pressing tool, 4-indent crimp	
GTIN (EAN)	4050118183856		
Qty.	1 pc(s).		

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