

SAI-M12-KSC-0.34/0.5**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, Pin
Order No.	1468860000
Type	SAI-M12-KSC-0.34/0.5
GTIN (EAN)	4050118273984
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Net weight	0.55 g
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Technical data customisable plug-in connectors

Connection cross-section	AWG 20 - AWG 22	Connection cross-section, max.	0.5 mm ²
Connection cross-section, min.	0.34 mm ²	Contact material	Copper alloy
Contact surface	Gold-plated	Plugging cycles	≥ 100
Pollution severity	3	Rated current	4 A
Rated voltage	250 V	Type of connection	Crimp connection

General Info

Connection 1	M12 Contact	Connection 2	Crimp
Contact material	Copper alloy	Contact surface	Gold-plated
Wire connection cross section, finely stranded, min.	0.34 mm ²	Wire connection cross section, finely stranded, max.	0.5 mm ²
Plugging cycles	≥ 100		

Electrical properties

Rated voltage	250 V
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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 with exemption
RoHS Exemption (if applicable/known)	7a, 7cl

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	PROFINET Manufacturer's Declaration
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Accessories

Straight



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Crimp contacts are to be ordered separately.

General ordering data

Type	SAISC-M-4/8S-M12-D-COD	Version
Order No.	1467840000	Field attachable connector, M12, pin, straight
GTIN (EAN)	4050118273441	
Qty.	1 pc(s).	

...for M12



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

General ordering data

Type	SAI-CTM12	Version
Order No.	2113240000	Pressing tool, 0.14mm², 1mm²
GTIN (EAN)	4050118424270	
Qty.	1 pc(s).	

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Accessories

Angled



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Crimp contacts are to be ordered separately.

General ordering data

Type	SAISWC-M-4/8S-M12-D-COD	Version
Order No.	1467850000	Field attachable connector, M12, pin, 90°
GTIN (EAN)	4050118273632	
Qty.	1 pc(s).	