

**SAI-M12-KBC-22/24****Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 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="#">2673730000</a>
Type	SAI-M12-KBC-22/24
GTIN (EAN)	4050118754599
Qty.	100 items

## SAI-M12-KBC-22/24

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## 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 mm <sup>2</sup>	Connection cross-section, min.	0.21 mm <sup>2</sup>

## 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 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	0.33 mm <sup>2</sup>
Wire cross-section, solid, min.	0.21 mm <sup>2</sup>	Wire cross-section, solid, max.	0.33 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-KBC-22/24**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

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