

SAI-M12-KBC-18/20**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 |
| Order No. | 2664860000 |
| Type | SAI-M12-KBC-18/20 |
| GTIN (EAN) | 4050118755206 |
| Qty. | 100 items |

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Technical data

Approvals

ROHS Conform

Dimensions and weights

Net weight 0.27 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

| | | | |
|--------------------------------|----------------------|--------------------------------|----------------------|
| Number of poles | 4 | Contact surface | Gold-plated |
| Connection cross-section | AWG 18 - AWG 20 | 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. | 0.82 mm ² |
| Connection cross-section, min. | 0.52 mm ² | | |

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. | 0.52 mm ² |
| Wire connection cross section, finely stranded, max. | 0.82 mm ² | Wire cross-section, solid, min. | 0.52 mm ² |
| Wire cross-section, solid, max. | 0.82 mm ² | 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 | | |

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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 ST | | |
| Type | SAI-TMC-PD | Version | |
| Order No. | 1381700000 | Crimping tool insert, 4-indent crimp | |
| GTIN (EAN) | 4050118183856 | | |
| Qty. | 1 ST | | |