

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

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| | |
|------------|-------|
| Net weight | 0.2 g |
|------------|-------|

Technical data customisable plug-in connectors

| | | | |
|--------------------------------|-----------------------|--------------------------------|-----------------------|
| Connection cross-section | AWG 18 - AWG 20 | Connection cross-section, max. | 0.823 mm ² |
| Connection cross-section, min. | 0.518 mm ² | Contact material | Cu-alloy |
| Contact surface | Gold-plated | Number of poles | 4 |
| Pollution severity | 3 | Rated current | 7 A |

General Info

| | | | |
|-----------------|-------------|------------------|-------------|
| Number of poles | 4 | Connection 1 | M12 Contact |
| Connection 2 | Crimp | Contact material | Cu-alloy |
| Contact surface | Gold-plated | | |

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 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

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

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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. | 1381690000 | Pressing tool |
| GTIN (EAN) | 4050118183870 | |
| Qty. | 1 pc(s). | |
| Type | SAI-TMC-PD | Version |
| Order No. | 1381700000 | Pressing tool |
| GTIN (EAN) | 4050118183856 | |
| Qty. | 1 pc(s). | |