

**IE-PS-M12X-180-S-TH-CG****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

The 8pole M12 Mini crimp cable connector with X-coding and 90° cable exit is with compact dimensions and 8 cable exit positions predestined for difficult installation conditions. The cable clamp version with the wide cable clamp ranges from 4 up to 9 mm plus the fully shielded housing together with the shielded strain relief is the universal fail-safe solution for all common cables on the market.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Order No.  | <a href="#">2672440000</a> |
| Type       | IE-PS-M12X-180-S-TH-CG     |
| GTIN (EAN) | 4050118765045              |
| Qty.       | 1 pc(s).                   |

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**Technical data****Dimensions and weights**

|            |      |
|------------|------|
| Net weight | 16 g |
|------------|------|

**Technical data customisable plug-in connectors**

|                                |                      |                                |                      |
|--------------------------------|----------------------|--------------------------------|----------------------|
| Cable diameter, max.           | 9 mm                 | Cable diameter, min.           | 4 mm                 |
| Coding                         | X-coded              | Conductor cross-section, max.  | 0.34 mm <sup>2</sup> |
| Conductor cross-section, min.  | 0.14 mm <sup>2</sup> | Connection cross-section, max. | 0.34 mm <sup>2</sup> |
| Connection cross-section, min. | 0.14 mm <sup>2</sup> | Contact surface                | Gold-plated          |
| Gender of contact              | Female               | Housing main material          | Cu alloy Ni plated   |
| Number of poles                | 8                    | Plugging cycles                | ≥ 500                |
| Pollution severity             | 3                    | Protection degree              | IP67 plugged         |
| Rated current                  | 4 A                  | Rated voltage                  | 50 V                 |
| Shield connection              | Yes, screwed         |                                |                      |

**General Info**

|                   |              |                       |                    |
|-------------------|--------------|-----------------------|--------------------|
| Number of poles   | 8            | Connection 1          | M12                |
| Connection 2      | Crimp        | Housing main material | Cu alloy Ni plated |
| Connection thread | M12          | Contact surface       | Gold-plated        |
| Protection degree | IP67 plugged | Plugging cycles       | ≥ 500              |

**Electrical properties**

|               |      |
|---------------|------|
| Rated voltage | 50 V |
|---------------|------|

**General standards**

|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-109 |
|--------------------|-----------------|

**Standards**

|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-109 |
|--------------------|-----------------|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002635    | ETIM 7.0    | EC002635    |
| ETIM 8.0    | EC002635    | ETIM 9.0    | EC002635    |
| ETIM 10.0   | EC002635    | ECLASS 9.0  | 27-44-01-02 |
| ECLASS 9.1  | 27-44-01-03 | ECLASS 10.0 | 27-44-01-02 |
| ECLASS 11.0 | 27-44-01-02 | ECLASS 12.0 | 27-44-01-16 |
| ECLASS 13.0 | 27-44-01-02 | ECLASS 14.0 | 27-44-01-16 |
| ECLASS 15.0 | 27-44-01-16 |             |             |

**Environmental Product Compliance**

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 67cf1078-beca-4687-860b-dc475a6ec24a |

**Approvals**

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

Creation date May 11, 2025 9:58:48 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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## Technical data

### Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

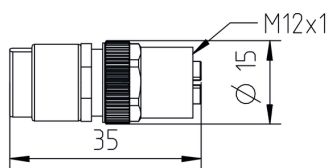
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## Drawings

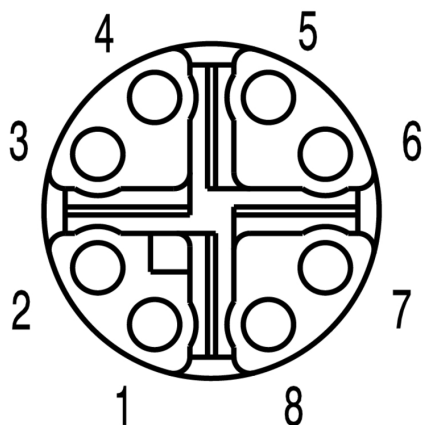
### Dimensioned drawing



### Dimensioned drawing



### Pole scheme



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****M12X crimp contacts**

Machined precision crimp contacts for M12X

**General ordering data**

|            |                            |                           |
|------------|----------------------------|---------------------------|
| Type       | IE-PIC-M12X-S-22/26        | Version                   |
| Order No.  | <a href="#">2673440000</a> | Contact, Socket connector |
| GTIN (EAN) | 4050118765359              |                           |
| Qty.       | 100 pc(s).                 |                           |

**...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 pc(s).                   |                               |