

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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. | 2664820000 |
| Type | IE-PS-M12X-180-P-TH-CG |
| GTIN (EAN) | 4050118765229 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | |
|------------|------|
| Net weight | 15 g |
|------------|------|

Technical data customisable plug-in connectors

| | | | |
|--------------------------------|----------------------|--------------------------------|----------------------|
| Cable diameter | 4...9 mm | Cable diameter, max. | 9 mm |
| Cable diameter, min. | 4 mm | Coding | X-coded |
| Conductor cross-section, max. | 0.34 mm ² | Conductor cross-section, min. | 0.14 mm ² |
| Connection cross-section, max. | 0.34 mm ² | Connection cross-section, min. | 0.14 mm ² |
| Contact surface | Gold-plated | Housing main material | Cu alloy Ni plated |
| Number of poles | 4 | Plugging cycles | ≥ 500 |
| Pollution severity | 3 | Protection degree | IP67 plugged |
| Rated current | 0.5 A | Rated current | 0.5 A |
| Rated voltage | 50 V | Shield connection | Yes, screwed |
| Temperature range of housing | -40 ... +85 °C | Type of connection | Crimp connection |

General Info

| | | | |
|-------------------|--------------|-----------------------|--------------------|
| Number of poles | 4 | 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 current | 0.5 A | 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 |
| 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 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 67cf1078-beca-4687-860b-dc475a6ec24a |

Approvals

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

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Technical data

Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

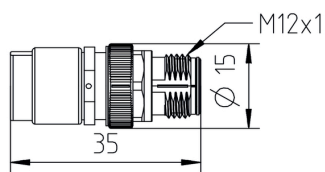
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Drawings

Dimensioned drawing



Pole scheme



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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). | |

M12X crimp contacts

Machined precision crimp contacts for M12X

**General ordering data**

| | | |
|------------|----------------------------|--------------|
| Type | IE-PIC-M12X-P-22/26 | Version |
| Order No. | 2664880000 | Contact, Pin |
| GTIN (EAN) | 4050118765342 | |
| Qty. | 100 pc(s). | |