# FBCEX PA M12 M-FMA 10M

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

www.weidmueller.com



The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

## General ordering data

| | |
|---|---|
| Version | Bus line, Connecting line, M12 / M12, Number of poles: 2, 10 m, pin, straight - socket, 90°, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes |
| Order No. | 1075391000 |
| Type | FBCEX PA M12 M-FMA 10M |
| GTIN (EAN) | 4032248833856 |
| Qty. | 1 pc(s). |

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## Technical data

### Dimensions and weights

| | |
|---|---|
| Net weight | 800 g |

### Environmental Product Compliance

| | | | |
|---|---|---|---|
| REACH SVHC | Lead 7439-92-1 | SCIP | 273a2adc-147a-4b75-9d50-227deee5 |

### Technical specifications for cable

| | | | |
|---|---|---|---|
| Bending radius, min., moving | 8 x cable diameter | Bending radius, min., stationary | 8 x cable diameter |
| Cable length | 10 m | Colour coding | red, green |
| Configurable cable length | No | Core cross-section | 1 mm² |
| Halogen | Yes | Hybrid cable | No |
| Insulation | PE | Irradiation crosslinked | No |
| Number of poles | 2 | Outside diameter | 8 mm ± 0.4 mm |
| Resistant to welding beads | No | Sheath material | PVC |
| Sheathing colour | blue (RAL 5015) | Shielded | Yes |
| Suitable for cable carriers | No | Temperature range, moving | -5...60 °C |
| Temperature range, stationary | -30...80 °C | Welding spark resistance | No |

### General technical data

| | | | |
|---|---|---|---|
| Coding | A | Connection thread | M12 / M12 |
| Contact surface | Gold-plated | Housing main material | PUR |
| Insulation strength | $10^8$ Ω | LED | No |
| Plugging cycles | ≥ 100 | Pollution severity | 3 |
| Protection degree | IP67 | Rated voltage | 100 V |
| Temperature range of housing | -25...+80 °C | Threaded ring material | Brass, nickel-plated |
| Tightening torque | M12: 0.8 - 1.2 Nm | Version | pin, straight - socket, 90° |
| jumpered | No | | |

### Electrical properties

| | | | |
|---|---|---|---|
| Insulation strength | $10^8$ Ω | Rated voltage | 100 V |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC002599 | ETIM 7.0 | EC002599 |
| ETIM 8.0 | EC002599 | ECLASS 9.0 | 27-06-03-08 |
| ECLASS 9.1 | 27-06-03-08 | ECLASS 10.0 | 27-06-03-08 |
| ECLASS 11.0 | 27-06-03-08 | ECLASS 12.0 | 27-06-03-08 |

### Approvals

| | |
|---|---|
| Approvals | CE |
| ROHS | Conform |

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## Technical data

### Downloads

| | |
|---|---|
| Engineering Data | EPLAN, WSCAD |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN |

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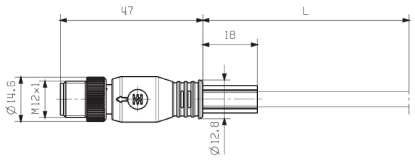
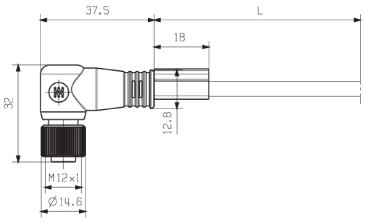
## Drawings

### Dimensioned drawing



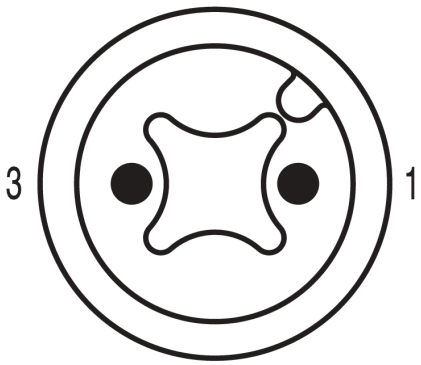

Male, straight

### Dimensioned drawing



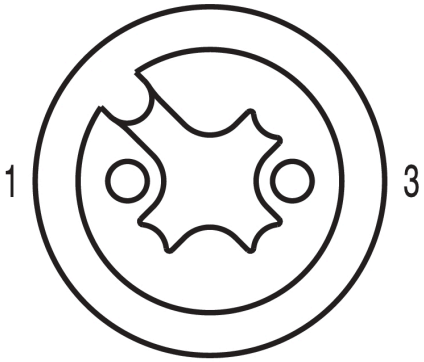

Socket angled

### Pole scheme



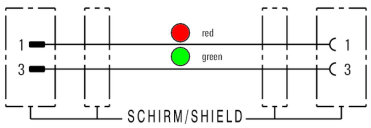

Pin

### Pole scheme




Socket

### Wiring diagram




### The ideal tool: Screwty ® with torque function



Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F