

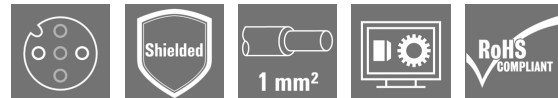
FBCEX PA M12 FMA 1M**Weidmüller Interface GmbH & Co. KG**

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, One end without connector, M12, Number of poles: 2, 1 m, Socket, angled, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes |
| Order No. | 1076520100 |
| Type | FBCEX PA M12 FMA 1M |
| GTIN (EAN) | 4032248834044 |
| Qty. | 1 pc(s). |

Creation date March 13, 2023 11:50:39 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

| | |
|------------|-------|
| Net weight | 106 g |
|------------|-------|

Technical specifications for cable

| | | | |
|-------------------------------|--------------------|----------------------------------|--------------------|
| Bending radius, min., moving | 8 x cable diameter | Bending radius, min., stationary | 8 x cable diameter |
| Cable length | 1 m | Colour coding | red, green |
| Configurable cable length | No | Core cross-section | 1 mm ² |
| 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 |
| 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 | Socket, angled |
| 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 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 273a2adc-147a-4b75-9d50-227deee55a05 |

Approvals

Approvals



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

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www.weidmueller.com**Technical data****Downloads**

| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

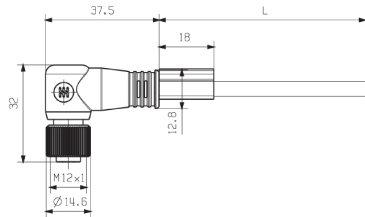
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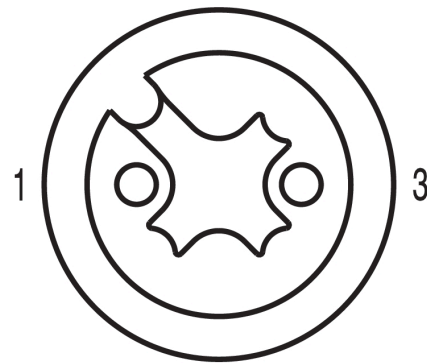
Drawings

Dimensioned drawing



Socket

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