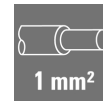


FBC PA M12 FMA 10M**Weidmüller Interface GmbH & Co. KG**

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, One end without connector, M12, Number of poles: 2, 10 m, Socket, angled, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes |
| Order No. | 1076531000 |
| Type | FBC PA M12 FMA 10M |
| GTIN (EAN) | 4032248834211 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|-------|
| Net weight | 808 g |
|------------|-------|

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 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 | black | 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-coded | Connection thread | M12 |
| Contact material | Ni/Au | 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 |
|---------------------|-------------------|---------------|-------|

Plug, left

| | |
|-----------|---|
| Plug left | M12, A-coded, IP67, female contact, angled 90°, Plastic, shielded |
|-----------|---|

Plug, right

| | |
|------------|--------------------|
| Plug right | free conductor end |
|------------|--------------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002599 | ETIM 7.0 | EC002599 |
| ETIM 8.0 | EC002599 | ETIM 9.0 | 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 | ECLASS 13.0 | 27-06-03-08 |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 273a2adc-147a-4b75-9d50-227deee55a05 |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |

Creation date July 16, 2024 6:04:52 PM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

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

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Drawings

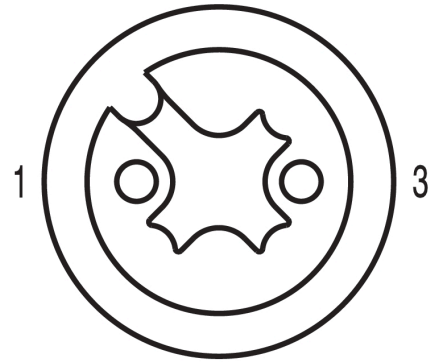
Dimensioned drawing



Socket

Wiring diagram

Pole scheme



Socket

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