



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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FBC PA M12 M-FM 2M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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Germany

Fon: +49 5231 14-0

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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

| | |
|------------|--|
| Order No. | 1785100200 |
| Type | FBC PA M12 M-FM 2M |
| Version | Bus line, Connecting line, M12 / M12, No. of poles: 2, 2 m, pin, straight - socket, straight, shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes |
| GTIN (EAN) | 4032248194728 |
| Qty. | 1 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|--------|----------|------------|-------|
| Length | 2,000 mm | Net weight | 191 g |
|--------|----------|------------|-------|

Technical specifications for cable

| | | | |
|-------------------------------------|----------------------|-------------------------------------|-------------------------|
| No. of poles shielded | 2 Yes | Core cross-section | 1 mm ² PE |
| Colour coding | Red, Green | Sheath material | PVC |
| Sheathing colour | Black | Outer diameter | 8.0 ± 0.4 mm |
| Cable length | 2 m | Temperature range, moving, min. | -5 °C |
| Temperature range, moving, max. | 60 °C | Temperature range, stationary, min. | -30 °C |
| Temperature range, stationary, max. | 80 °C | Halogen | Yes |
| Suitable for cable carriers | No | Torsion resistance | 0 °/m |
| Bending radius, min., stationary | 8 x Kabeldurchmesser | Bending radius, min., moving | 8 x Kabeldurchmesser |
| Resistant to welding beads | No | | |

General technical data

| | | | |
|------------------------------|----------------------------------|------------------------|----------------------|
| Version | pin, straight - socket, straight | Contact tube diameter | M12 / M12 |
| Housing main material | PUR | Threaded ring material | Brass, nickel-plated |
| Coding | A | Protection degree | IP 67 |
| Contact surface | Gold-plated | LED | No |
| Rated voltage | 100 V | Insulation resistance | 10 ⁸ Ω |
| Temperature range of housing | -25...+85 °C | Tightening torque | M12: 0.8 - 1.2 Nm |
| Plugging cycles jumpered | ≥ 100 No | Pollution severity | 3 |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 2.0 | EC000237 | ETIM 3.0 | EC000237 |
| UNSPSC | 26-12-16-03 | eClass 4.1 | 27-25-02-01 |
| eClass 5.1 | 27-25-02-01 | eClass 6.2 | 27-06-03-07 |
| eClass 7.1 | 27-06-03-07 | | |

Approvals

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

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Drawings

