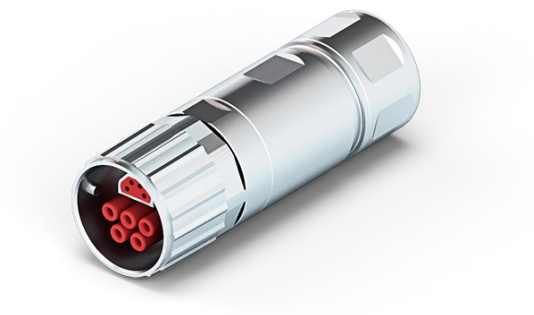
# ZS7200-0008 | Plug, field assembly, EtherCAT P, IP65/67, shielded

## B17, plug, straight, female+ female, pins 4+PE+4, EtherCAT P-coded

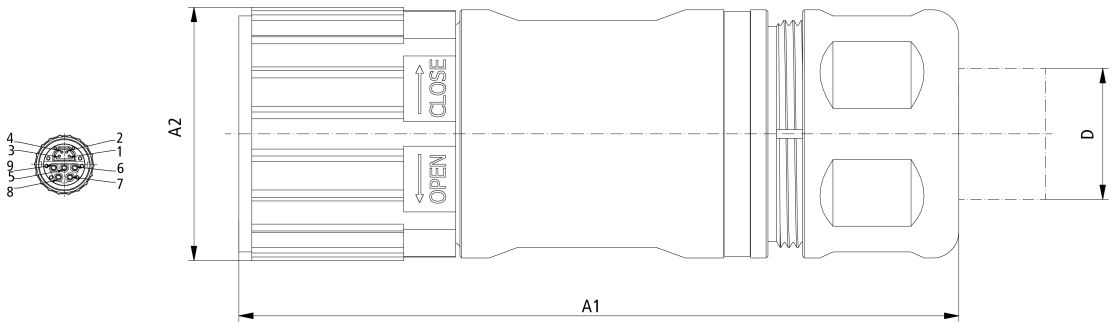


| Electrical data | |
|---|---|
| Rated voltage (Ethernet) | 24 V DC |
| Rated current (Ethernet) | 3 A at 40°C |
| Rated voltage (power) | 630 V AC / 850 V DC |
| Rated current (power) | 15.5 A at 40°C |
| Rated impulse voltage (power) | 6.0 kV |
| Rated impulse voltage (Ethernet) | 1.0 kV |
| Shielding | yes |
| Contact resistance | < 10 mΩ (signal), < 5 mΩ (power) |
| Insulation resistance | ≥ 100 MΩ (according to IEC 60512) |
| **Mechanical data** | |
| Installation size | B17 |
| Connector type | plug |
| Configuration | straight |
| Contact type | female+ female |
| Number of positions (face) | pins 4+PE+4 |
| Coding | EtherCAT P-coded |

| | |
|---|---|
| Wire termination | crimp connection |
| Mating cycles | ≥ 100 |
| Way of locking | bayonet |
| Weight | 0.100 kg (0.2205 lb) |
| Body material | **CuZn, Ni** |
| Coupling nut material | GD-Zn, Ni |
| Seal | NBR |
| Contact carrier material | PA, UL 94 |
| Contact carrier color (Ethernet) | red |
| Contact carrier color (power) | red |
| Contact plating | Ni, Au gal. |
| Contact material | copper alloy |
| Max. wire cross-section (power) | AWG16/1.5 mm² |
| Max. wire cross-section (Ethernet) | AWG22/0.34 mm² |
| Max. cable outer diameter | 10.0...11.5 mm |

| Environmental data | |
|---|---|
| Ambient temperature (operation) | -20...+80°C, -4...+176°F |
| Protection rating | IP65/67 in screwed condition (according to IEC 60529) |
| Pollution level | 3/2 (according to IEC 60664-1) |
| Approvals | UL 2237: File E484763 |

## Dimensions




| | |
|---|---|
| A1 | approx. 70.0 mm |
| A2 | 23.8 mm |

### Mechanical coding

Mechanical keying uses defined keyways that only allow insertion and subsequent locking rotation when correctly aligned. For more information, please refer to the keying guide for correct use.

# Notes

- Illustrations similar

| Ordering information | |
|---|---|
| ZS7200-0008 | B17, plug, metal, shielded, crimp, straight, female+female, 5+4-pin, EtherCAT P-coded, IP65/67, Ø 10.0...11.5 mm |

| Accessories | |
|---|---|
| ZB8810-0000 | crimping tool for Ethernet element, M8, B12, B17, B23 contacts |
| ZB8810-0001 | crimping insert and locator for Ethernet element, M8, B12, B17 contacts |
| ZS7000-C002 | Crimp contact, Ethernet element, female, AWG22/0.34 mm², packaging unit = 50 pieces |
| ZS7000-C006 | B17 crimp contact, female, 1.5 mm², packaging unit = 50 pieces |
| ZS7200-B003 | B17 protection cap, plug, plastic, IP67, packaging unit = 10 pieces, including loss protection |
| ZS7200-B004 | B17 protection cap, plug, metal, IP67, packaging unit = 5 pieces, including loss protection |
| ZS7200-B005 | B17 color coding connector/square flange, red, packaging unit = 10 pieces |
| ZS7200-B006 | B17 color coding connector/square flange, yellow, packaging unit = 10 pieces |
| ZS7200-B007 | B17 color coding connector/square flange, blue, packaging unit = 10 pieces |
| ZS7200-B008 | B17 color coding connector/square flange, green, packaging unit = 10 pieces |
| ZS7200-B015 | B17 color coding connector/square flange, orange, packaging unit = 10 pieces |
| ZS7200-B016 | B17 color coding connector/square flange, gray, packaging unit = 10 pieces |
| ZB8802-0002 | assembly tool for B17 connector, AF22 |

Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

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