ZS7200-A012 | Socket, field assembly, EtherCAT/Ethernet, IP65/67, shielded

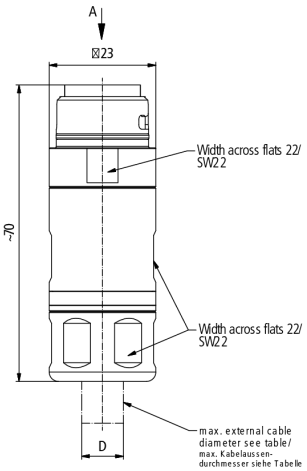
B17, socket, straight, male+female, pins 4+4, EtherCAT-coded

Electrical data	
Rated voltage (Ethernet)	24 V DC
Rated current (Ethernet)	4 A at 40°C
Rated voltage (power)	630 V AC / 850 V DC
Rated current (power)	15.5 A at 45°C
Rated impulse voltage (power)	1.0 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	socket
Configuration	straight
Contact type	male+female
Number of positions (face)	pins 4+4
Coding	EtherCAT-coded

Wire termination	crimp connection
Mating cycles	≥ 100
Way of locking	bayonet
Weight	0.094 kg (0.2072 lb)
Body material	**CuZn, Ni**
Coupling nut material	GD-Zn, Ni
Seal	NBR
Contact carrier material	PA, UL 94
Contact carrier color (Ethernet)	yellow
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	Ø 23.0 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

- Delivery without crimp contacts
- Illustrations similar

Ordering information	
ZS7200-A012	B17, socket, metal, shielded, crimp, straight, male+female, 4+4-pin, EtherCAT-coded, IP65/67, Ø 10.8 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-C005	B17 crimp contact, male, 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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