

ZS7200-A022 | Flange, field assembly, EtherCAT/Ethernet, IP65/67, shielded

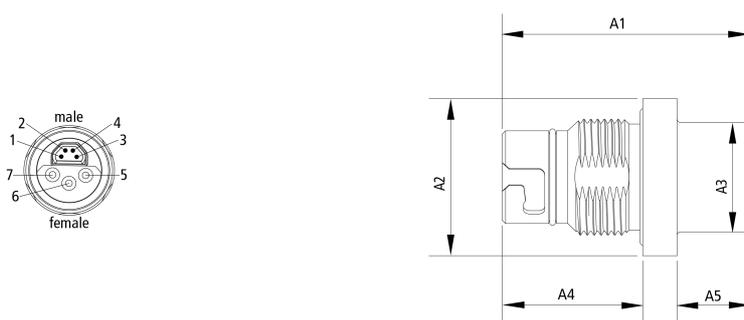


B17, flange rear assembly, straight, short, female+male, pins 2+PE+4,
EtherCAT-coded

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 50°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	flange rear assembly
Configuration	straight, short
Contact type	female+male
Number of positions (face)	pins 2+PE+4

Coding	EtherCAT-coded
Wire termination	crimp connection
Mating cycles	≥ 100
Way of locking	bayonet
Weight	0.088 kg (0.1940 lb)
Body material	CuZn, Ni
Coupling nut material	GD-Zn, Ni
Seal	HNBR
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 mm ²
Max. wire cross-section (Ethernet)	AWG22/0.34 mm ²
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

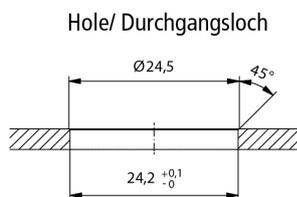


A1	42.0 mm
A2	Ø32.0 mm
A3	M24
A4	29.0 mm
A5	8.0 mm

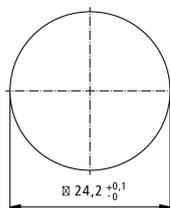
Notes

- Delivery without crimp contacts
- Illustrations similar

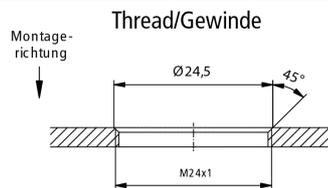
Installation dimensions



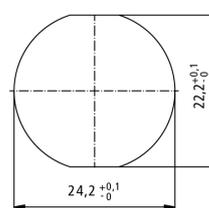
Panel cut out without twist protection/
Montageausschnitt ohne Verdrehsicherung



min. wall thickness 1.5 mm/
Min. Wandstärke 1,5 mm
max. wall thickness 5 mm/
Max. Wandstärke 5 mm



Panel cut out with twist protection/
Montageausschnitt mit Verdrehsicherung



Ordering information

ZS7200-A022

B17, socket, metal, shielded, crimp, straight, female+male, 3+4-pin, EtherCAT-coded, IP65/67, Ø 9.5...10.5 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
ZS7200-B001	B17 protection cap, socket/flange, plastic, IP67, packaging unit = 10 pieces, including loss protection
ZS7200-B002	B17 protection cap, socket/flange, metal, IP67, packaging unit = 5 pieces, including loss protection
ZS7200-B009	B17 color coding flange for front/rear assembly, red, packaging unit = 10 pieces
ZS7200-B010	B17 color coding flange for front/rear assembly, yellow, packaging unit = 10 pieces
ZS7200-B011	B17 color coding flange for front/rear assembly, blue, packaging unit = 10 pieces
ZS7200-B012	B17 color coding flange for front/rear assembly, green, packaging unit = 10 pieces
ZS7200-B013	B17 color coding flange for front/rear assembly, orange, packaging unit = 10 pieces
ZS7200-B014	B17 color coding flange for front/rear assembly, gray, packaging unit = 10 pieces
ZS7000-C001	Crimp contact, Ethernet element, male, AWG22/0.34 mm ² , PU = 50 pieces
ZS7000-C006	B17 crimp contact, female, 1.5 mm ² , packaging unit = 50 pieces



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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