

ZK7260-3600-3xxx | Motor cable, IP67, (4 G 1.0 mm² +(2 x 0.5 mm²)+(2 x AWG26)), PVC, orange, for fixed installation



B17, plug, straight, male+male, pins 3+PE+2+2 – open end, 8-wire + shield



Plugs

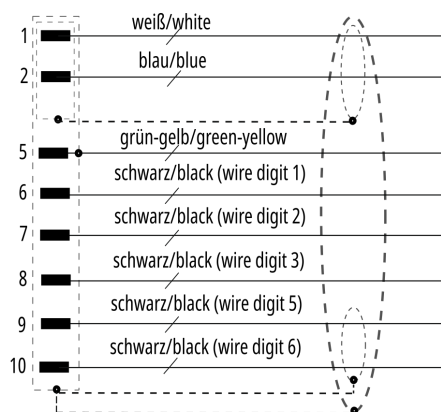
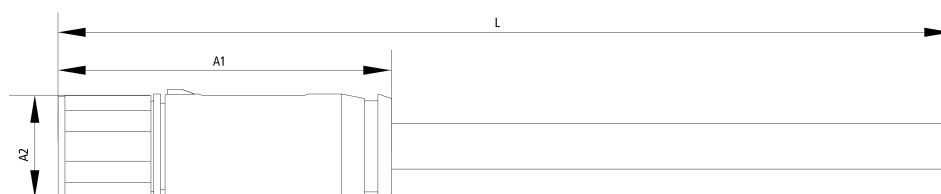
Electrical data	Head A	Head B
Rated voltage (power)	24 V DC	-
Rated current (power)	3 A at 40°C	-
Rated current (DSL)	4 A at 40°C	-
Rated impulse voltage (power)	6.0 kV	-
Rated impulse voltage (Ethernet)	1.0 kV	-
Rated impulse voltage (DSL)	50 V	-
Contact resistance	< 10 mΩ (signal), < 5 mΩ (power)	-
Insulation resistance	≥ 100 MΩ (according to IEC 60512)	-
Mechanical data		
Installation size	B17	open end
Connector type	plug	-
Configuration	straight	-
Contact type	male+male	-

Number of positions (face)	pins 3+PE+2+2	8-wire + shield
Mechanical coding	key 1 (24 V DC)	-
Wire termination	crimp connection	-
Mating cycles	≥ 100	-
Way of locking	bayonet	-
Body color	metal	-
Coupling nut material	GD-Zn, Ni	-
Seal	NBR, FPM	-
Contact carrier material	PA 6, UL 94 V0	-
Contact carrier color (Ethernet)	red	-
Contact carrier color (power)	red	-
Contact plating	Au over Ni	-
Contact material	copper alloy	-
Environmental data		
Shock resistance	50 g (490 m/s ²) conforms to IEC 60512-6c, 11 ms; 18 shocks per direction, 3 axes	-
Vibration resistance	5 g (50 m/s ²) conforms to IEC 60512-6d, 10 Hz. ... 500 Hz.; 10 cycles per axis; 6 h full duration	-
Ambient temperature (operation)	-30...+80°C, -22...+176°F	-
Protection rating	IP65/67 in screwed condition (according to IEC 60529)	-
Pollution level	3/2 (according to IEC 60664-1)	-

Cable

Electrical data	
Operating voltage	max. 1000 V AC (UL)
Insulation resistance	≥ 500 MΩ * km (DIN EN 50395)
Mutual capacitance	AWG 26: nom. 45 nF/km
Wire resistance (power)	≤ 21.0 Ω/km
Wire resistance (signal/24V)	≤ 145.0 Ω/km
Wire resistance (brake)	≤ 42.0 Ω/km
Characteristic impedance	Signal: 110 Ω ± 10 Ω (10 MHz) acc. to EN50289-1-11
Test voltage	4000 V (wire/wire), 3000 V (wire/screen)
Mechanical data	
Cross-section (power)	1.00 mm² (approx. AWG18)
Cross-section (signal)	AWG26 (approx. 0.14 mm²)
Cross-section (brake)	0.50 mm² (approx. AWG20)

Outer cable diameter	10.0 mm ± 0.3 mm (0.3937" ± 0.0118")
Min. bending radius, fixed installation	4 x outer cable diameter
Conductor material	copper bare
Optical covering factor of shielding	≥ 85%
Use	fixed installation
Jacket color	orange
Material jacket	PVC (polyvinyl chloride)
Wire insulation material	PO (Polyolefine)
Printing color	black
Environmental data	
Operation temperature range, fixed installation	-20...+80°C, -4...+176°F
Halogen-free	no
Silicone-free	yes
Approvals	UL-Style AWM 2570 80°C 1000V

Pin assignment**Dimensions****Notes**

- Depending on the cable length (L), the following length tolerances apply: ± 2-3%
- Illustrations similar

- The last three digits of the ordering information is the cable length in decimeters, e.g. ZK4xxx-xxxx-x020 = cable length 2.00 m

CE, UL	
CE	yes

Ordering information	Length
ZK7260-3600-3030	3.00 m
ZK7260-3600-3050	5.00 m
ZK7260-3600-3100	10.00 m
ZK7260-3600-3150	15.00 m
ZK7260-3600-3200	20.00 m

Further length on request

Accessories	
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-B008	B17 color coding connector/square flange, green, packaging unit = 10 pieces
ZS7200-B007	B17 color coding connector/square flange, blue, packaging unit = 10 pieces
ZS7200-B016	B17 color coding connector/square flange, gray, packaging unit = 10 pieces
ZS7200-B015	B17 color coding connector/square flange, orange, packaging unit = 10 pieces
ZB8802-0002	for a comfortable locking of the bayonet closing of the connector family in the size B17, AF22
ZB8805-0001	Flange/Panel feed-through for B17 pre-assembled, for fixing the connector, plastic, including screws, washers and lock nuts



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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