



### DESCRIPTION

BZ series junction box is designed to facilitate installation of submersible pressure probes. Vented cable from a probe terminates in a junction box, optimizing cabling costs. Membrane filter keeps moisture from entering vented cable, while allowing compensation of the atmospheric pressure fluctuations. Surge protection circuit provides for an extra level of safety for the attached probe.

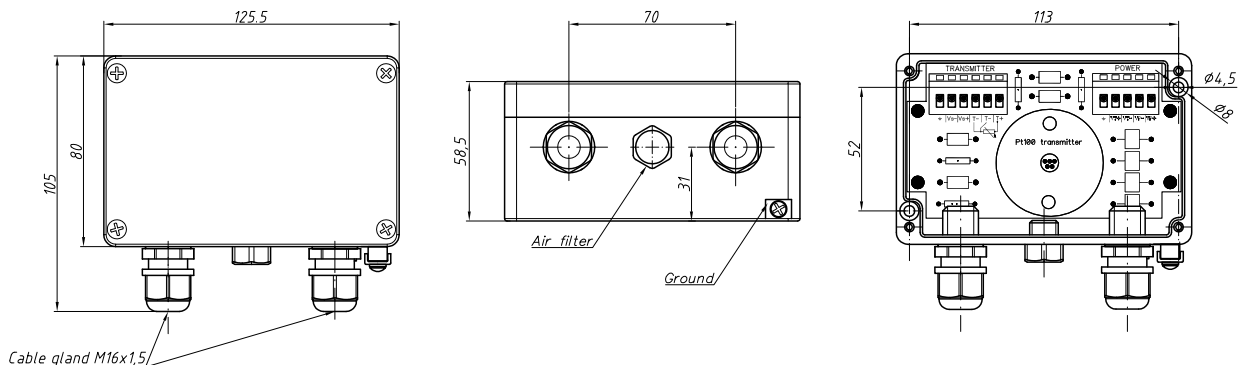
### APPLICATIONS

Hydrostatic pressure probes

### TECHNICAL SPECIFICATIONS

Model	BZ 05	BZ 10
Built-in Pt100 signal converter	no	available
Wires cross sectional area	0.2...2.5 mm <sup>2</sup>	0.2...2.5 mm <sup>2</sup>
Cable gland	M16x1.5; polyamide, seal – NBR	M16x1.5; polyamide, seal – NBR
Clamped cable diameter	6...10 mm	6...10 mm
Housing	aluminum	aluminum
Weight	520 g max	560 g max
Ingress protection	IP65	IP65
Operating temperature	-40...+85 °C	-40...+85 °C
Measured temperature (Pt100 thermometer)	-	0...+70 °C / -40...+400 °C (optional)
Accuracy of temperature measuring channel	-	≤ ±0.5 °C
Pulse discharge current for a current pulse with a wave front of 8/20 μs	10 kA	10 kA
Series resistance per line	10 Ohm	10 Ohm
Protection voltage level	45 V	45 V

### DIMENSIONS (mm)



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