

E9T CONTROL UNIT FOR E9TRB TRIBO SENSOR



TECHNICAL SPECIFICATIONS

Power supply voltage	115 Vac 50-60 Hz ± 10 % 230 Vac 50-60 Hz ± 10 %
Power supply voltage upon request	24 Vac ± 10 % 24 Vdc ± 10 %
Electric consumption	3 Watts at maximum load
Outputs proportional to the value of 4 ÷ 20 mA	1
Alarm Relays	3 peak, pre-alarm, alarm
485 type serial transmission interfaces with Modbus RTU protocol	1 per probe connection 1 Per PC – PLC - SV
Display	Backlit monochromatic graphic LCD B/N 128 x 64 pixel
Operating temperature	-10 °C - 55 °C
Storage temperature	-20 °C - 60 °C
Environmental humidity	0 ÷ 95% Relative non condensing
Casing	Base in ABS Lid in Polycarbonate
Protection rating from water and dust	IP65 DIN EN 60529

DESCRIPTION

The charge displacement probe is a measuring instrument with micro-processor, the E9T control unit is used to set, manage and display the signals coming from the electric tribo sensor.

The probe detects the dust in a gaseous fluid, with displacement of the electric charge in the electrode, induced by the electric charges. The quantity of electric charge induced on the electrode is proportional to the amount of dust present in the gaseous fluid.

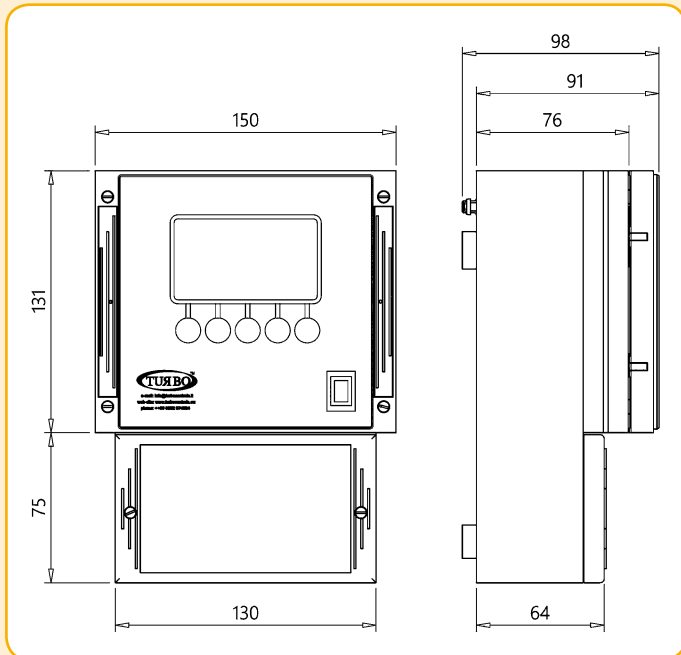
An increase in the concentration of the dusts determines a proportional increase of the signal that reaches the micro-processor. The signal is interpreted and displayed on the control unit screen.

OPTIONS UPON REQUEST

- Cable glands for power supply input.
- Zone 22 ATEX Certification.

REFERENCE STANDARDS

- Directive 2014/30/EC Electromagnetic Compatibility meeting European harmonised standards EN61000-6-2:2005 class B in standard EN61000-6-4:2001
- Directive 2014/35/EU Low Voltage meeting European harmonised standards EN 60947-1:2004



For additional information and technical specifications, consult www.turbocontrols.eu