

O2Z7873 IN SITU OXYGEN TRANSMITTER UP TO 700°C flanged

Zirconium Oxide Oxygen Transmitter for direct insertion into chimney. Concentration measurement of residual oxygen in the flue gases produced by combustion processes, or the amount of oxygen remained after the complete oxidation of the fuel. Calibration in the site, without probe disassembly. No need for a reference flow. Linear output 4/20 mA isolated, max 500 ohms. Optional output fail safe field adjustable. Standard supplied with ceramic filter upon the tip, optionally with high retention ceramic filter.

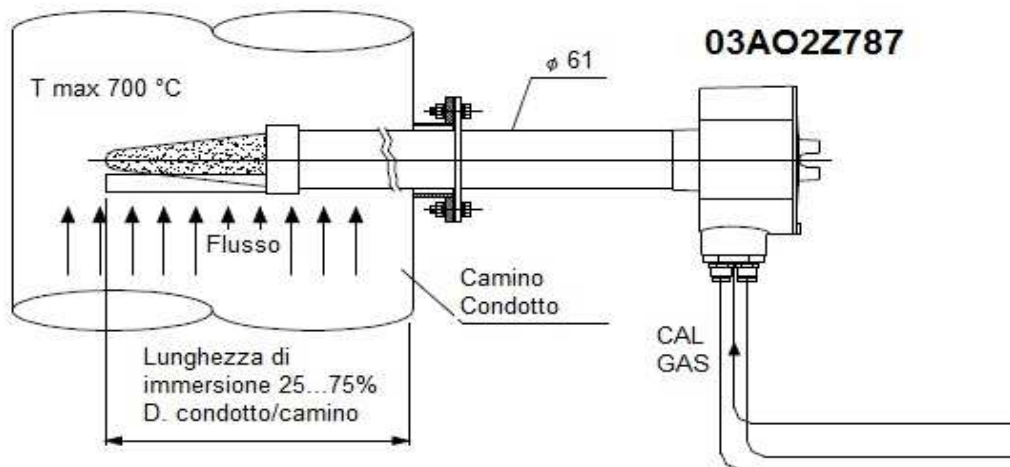
Applications

- Check the combustion efficiency in boilers, furnaces and kilns
- Industrial and residential Incinerators
- Power plants
- Cement works
- Chemical and petrochemical industry
- Exhaust gases



TECHNICAL SPECIFICATIONS

Std lengths:	300 - 450 - 1000 - 1500 - 2000 mm.(others on request) add L150 for the ceramic filter.
Range:	fixed 0..5%, 0...10%, 0...25%
Accuracy:	+/- 5% v.m. or 0.05% O2 with linearity; 5%v.l. for range in ppm
Class protection:	IP65
Options:	Protective tube probe, SS flanged, to avoid abrasion's phenomena in the presence of particulates and dust. Easiest mounting of the probe (substrate) and useful as spacer. Coating protection tube in the presence of strong substances (incinerators) High retention ceramic filter, available with flue gas tarry



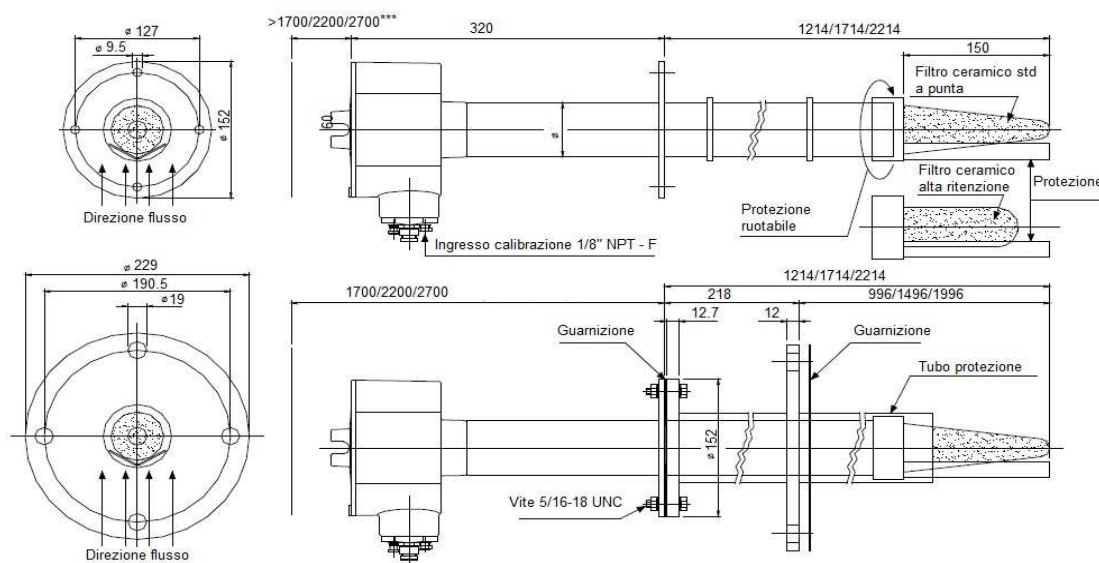
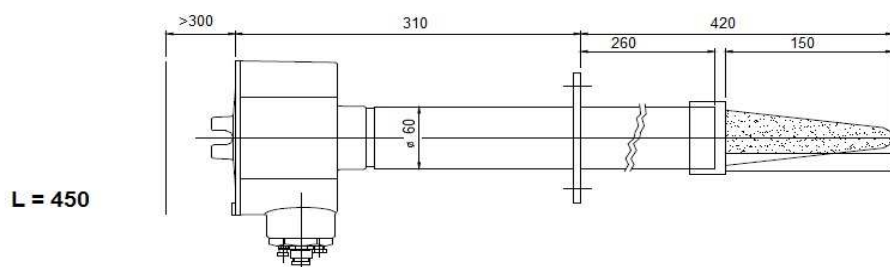
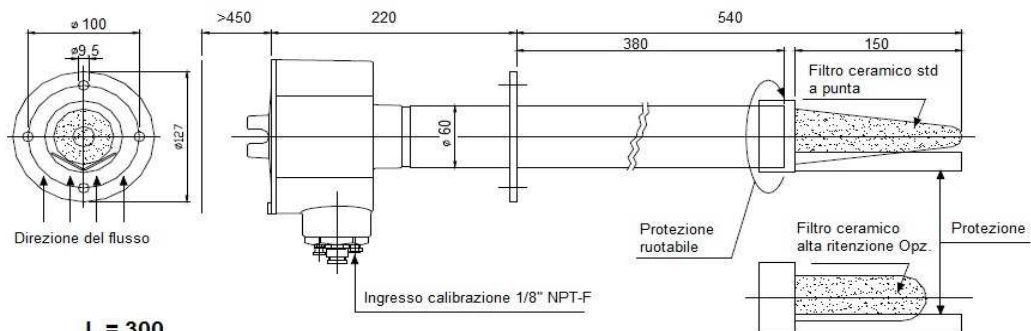
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DIMENSIONS



*** Spazio libero richiesto per inserimento o rimozione sonda.

L = 1000 - 1500 - 2000



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O2ZM7873 IN SITU OXYGEN TRANSMITTER UP TO 700°C threaded

Zirconium Oxide Oxygen Transmitter for direct insertion into chimney. Measure the concentration of residual oxygen in the flue gases produced by combustion processes, or the amount of oxygen remained after the complete oxidation of the fuel. Calibration in the site, without probe disassembly. No need for a reference flow. Linear output 4/20 mA isolated, max 500 ohms. Optional output fail safe field adjustable.



Applications

- Check the combustion efficiency in boilers, furnaces and kilns
- Industrial and residential Incinerators
- Power plants
- Cement works
- Chemical and petrochemical industry
- Exhaust gases

TECHNICAL SPECIFICATIONS

Standard lengths (others on request):

Code	A	B
1010	100	100
1020	100	200
1030	100	300
2010	200	100
2020	200	200
2030	200	300
3010	300	100
3020	300	200
3030	300	300

With protective/installation tube add to the length of immersion "B" 50 mm

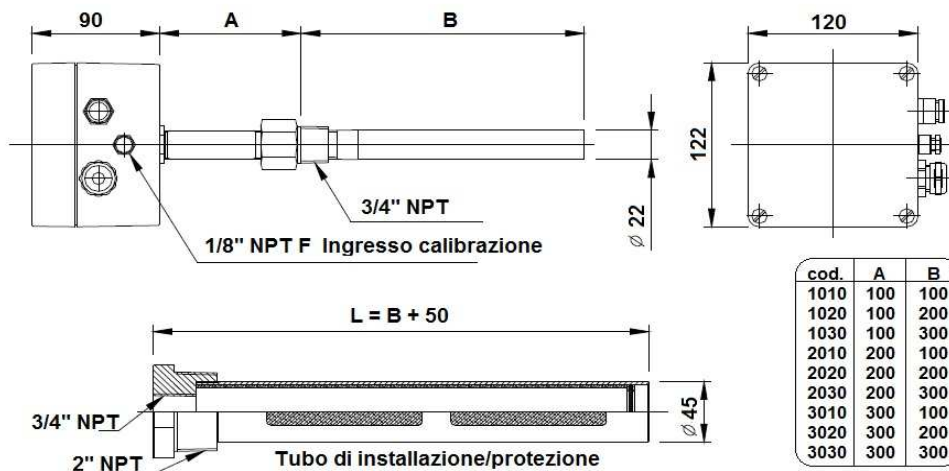
Range: fixed 0..5%, 0...10%, 0...25%

Accuracy: +/- 5% v.m. or 0.05% O₂ with linearity; 5% reading value, ppm range

Class protection: IP65

Options: Threaded protection tube probe. SS construction with internal filter element avoids abrasion phenomena due to presence of particulates and dust as well as corrosion problems to the probe.

MOD. 02ZM7873



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