

## DE-OX® ZIP PRO RANA DIGITAL OXYGEN ANALYZER

### Quick reference guide:



### Warning

**Please refer to the complete manual in electronic format before operating the instrument. This guide is just a quick support. Misuse of this instrument may lead to serious injuries.**

For switching on the instrument, keep pressed the ON/OFF key for few seconds. The analyser will display the actual value based on the previous calibration in memory.

The instrument reads from 0.0 to 100.0% range. Resolution is 0.1% over 10.0% and 0.01%.below 10.0%.

For analyzing connect the sensor to the gas source at 0,5-1 lit/min and 1 bar.

In case of extremely low change of reading cover one hole of the sensor flow adapter with tape.

Pressing the CALIB key it is displayed the milli Volt sensor output (SnS) and the power supply voltage (bAt).

Pressing the PROG key you will go to the programming pages (Pr): Alarm1, Alarm2, Full scale value, Oxygen calibration value.

Alarm 1 (AL1) sets the minimum alarm. At 000.0 the alarm is off.

Alarm 2 (AL2) sets the maximum alarm. At 100.0 the alarm is off.

Full scale value (FSC) sets the span of the instrument for the 4-20 mA external output.

Oxygen calibration value (O2c) sets the oxygen value during the calibration procedure.

For changing the value into any programming page press PROG^ key.

For going to the next value press CALIB< key.

For saving the value and going to the next program page press ON/OFF key. At the end of the programming pages is displayed End.

For calibrating the sensor at the oxygen set value, connect the sensor to the calibration gas for 2-3 minutes and wait until the reading is stable. Then press at the same time for few seconds ON/OFF and the <CALIB keys.

For calibrating the zero, flow pure nitrogen or pure helium on the sensor for at least 1 minute or when the value reading is stable. Then press at the same time PROG and CALIB keys.

For resetting the instrument to the original factory settings (rES), power on the instrument pressing at the same time for few seconds the ON/OFF and the <CALIB keys. The instrument will lose all the previous calibration and alarm settings for going to the original factory settings.

For switching off the instrument keep pressed the ON/OFF key for few seconds.

For replacing the battery or the sensor, unscrew the three screws on the rear, open the instrument, replace the battery or sensor with a new one, close the instrument screwing the three screws.



### TEMCO®

Via Donna Prassede 5 A

I-20142 MILANO ITALY

Phone +39 02 8463648 or +39 080 4490264

E-Mail: temc@iol.it Website: www.temc.it