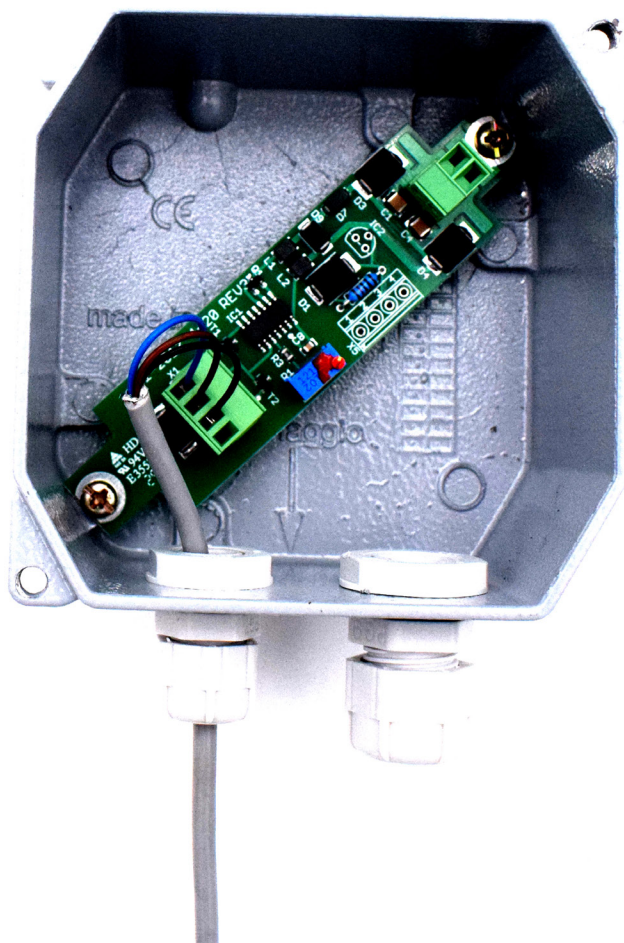




4-20mA Pot Converter



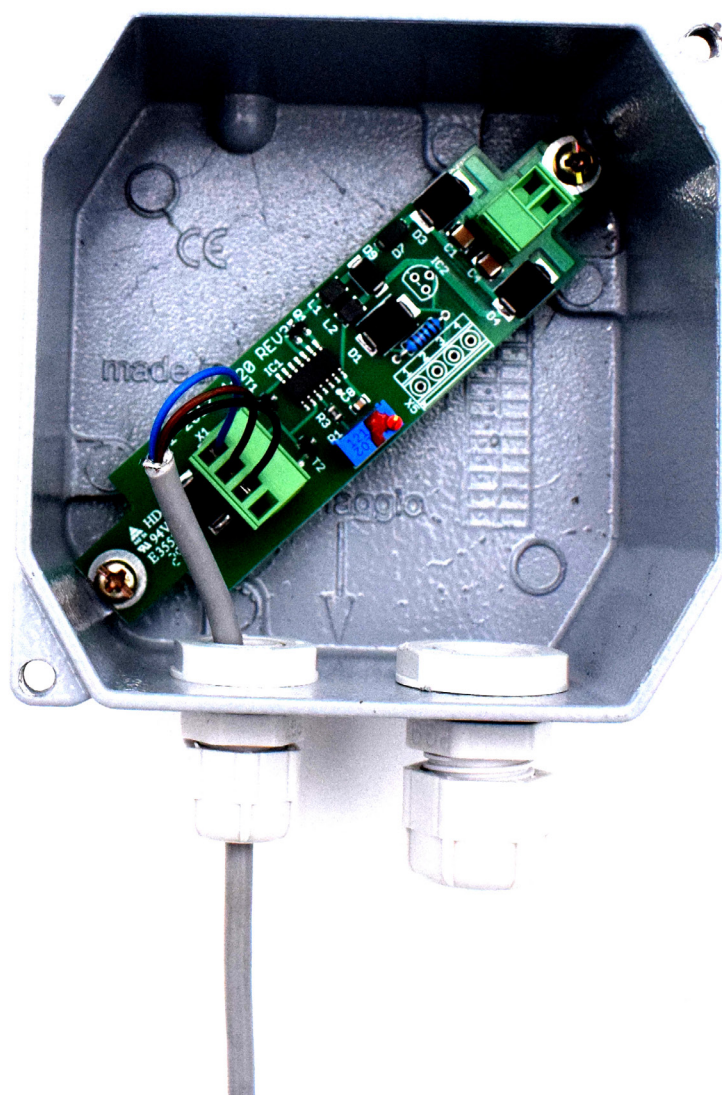
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4-20mA Pot Converter



WARNINGS



This instrument must be utilized only for the application it has been designed for, OTR declines all responsibility for any improper use;



During the installation phase, disconnect the instrument from measuring devices or from any device connected to the AC power supply;



Do not use instrument near potentially explosive gases;



Do not use the instrument in water where an electric dissipation is in progress;



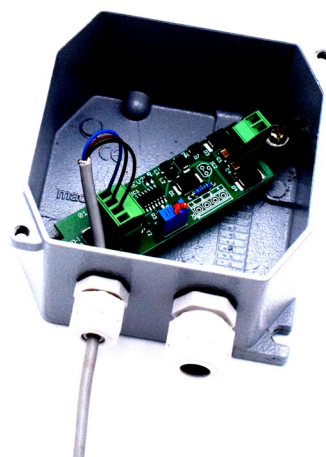
Use protective gloves;

Furthermore

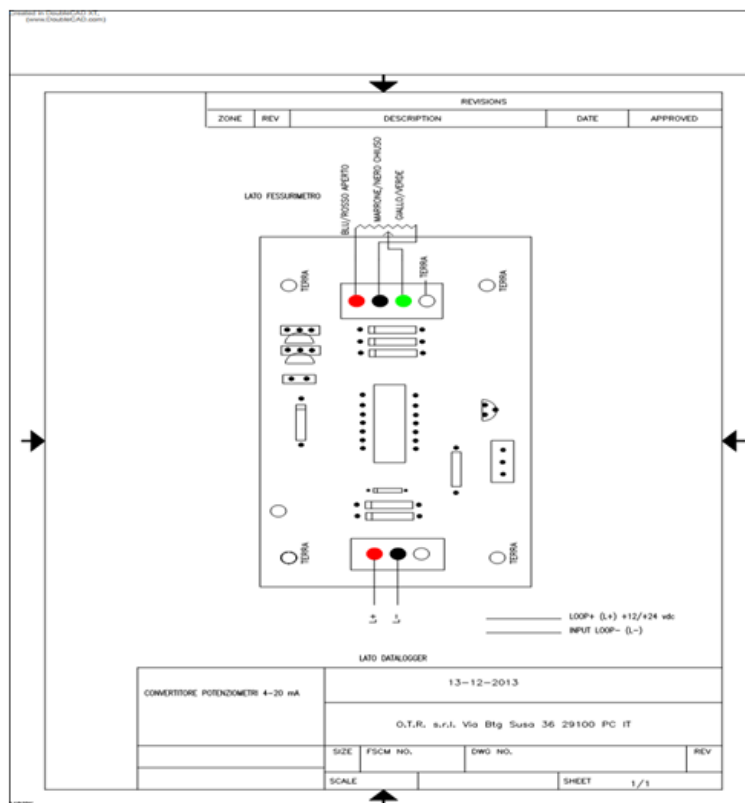
- Do not open the instrument, contact the manufacturer for checks and repairs;
- Keep out of reach of children;
- Do not connect the instrument to the readout unit with wet hands;
- Use surge arresters for installations with unprotected cables longer than 30 meters.
- Clean the box of instrument and its cable with alcohol or water, do not use acetone or aggressive liquids for plastics or labels;

Applications

Signal Conversion from 3-wires resistive crackmeters to 2-wires 4-20 mA output. In many installations it is necessary to convert crackmeters output into a 4-20 mA signal in order to provide higher link distances higher and greater insensitivity to noises.

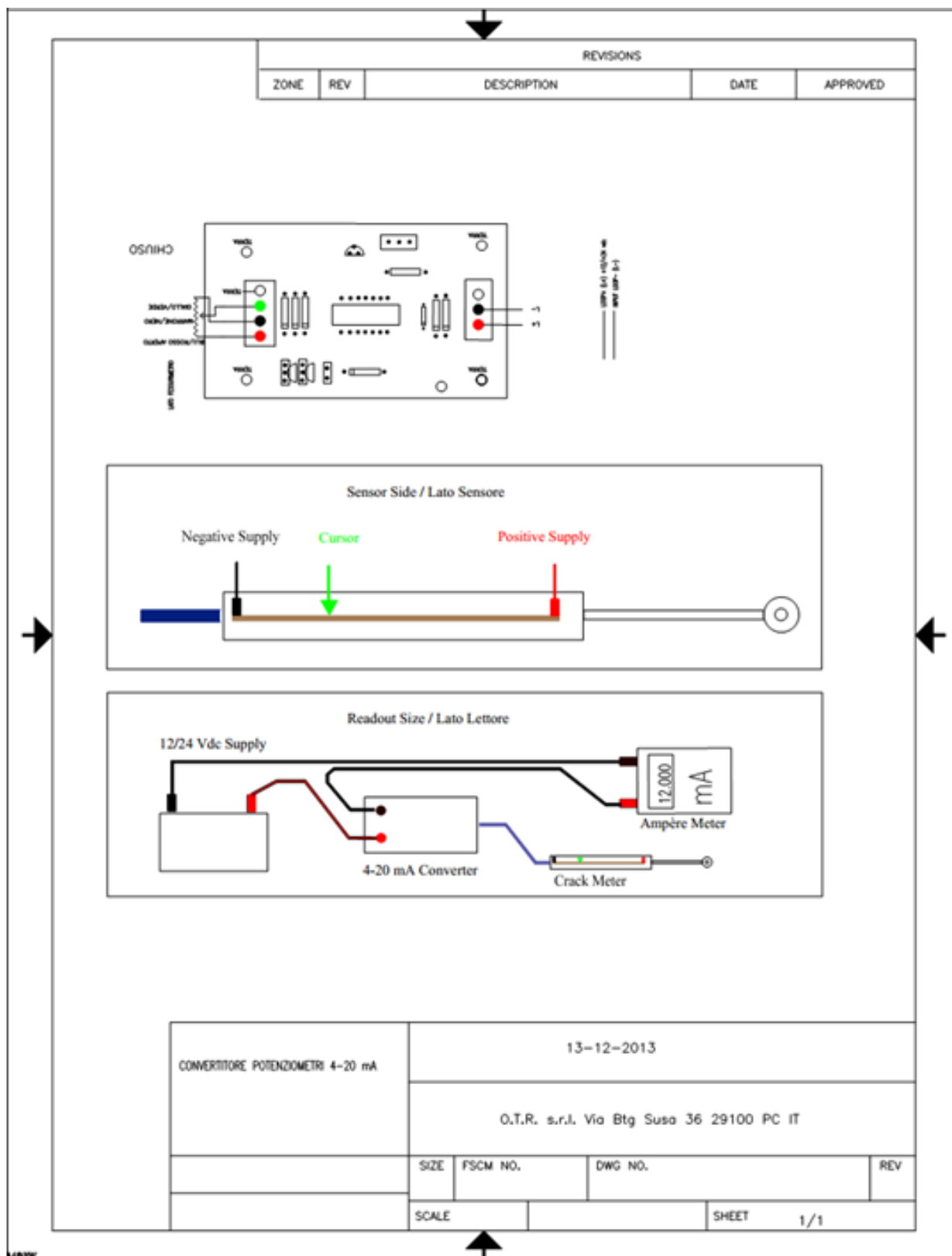


Description



L+	12-24 Vdc
L-	Max 25 mA
B (Rosso)	4-20 mA current loop
R(Nero)	Potenzimetri da 800 a 10000 Ohm
N(Verde)	1.25 Vdc $\pm$ 1%
E	Scarico a terra di Varistori

Wiring of 4-20 mA Converter



Identification

Every Converter is identified:

- Year Production, serial number.

Technical Features

Power Supply	12-24 Vdc
Current Consumption	Max 25 mA
Output	4-20 mA current loop
Input	Potentiometers 800/10000 Ohm
Voltage reference	1.25 Vdc $\pm 1\%$

