

ENGINEERING REVIEW



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PILZ INDIA: Technology Leader in Safe Automation

AN INTERFACE WITH:
SANJAY KULKARNI,
MANAGING DIRECTOR,
PILZ INDIA PVT. LTD.
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MECO Clamp - On Earth / Ground Resistance & Leakage Current Tester

The faults in any Electrical System are unavoidable. Earthing plays an important role for proper operation of any electrical Installation.

MECO 4680BLC has long elliptical jaw suitable for flat as well as round earthing strips. It completely eliminates the use of ground and auxiliary roads thus saving lot of time and avoiding shutdown. This is an extremely handy instrument especially at place where it is next to impossible to measure Earth / Ground Resistance by conventional methods. Substantial time saving and easy operating justify the investment in these instruments.

This is non-contact type innovative solution for measuring Ground Resistance and Leakage Current of any Electrical Installation.

Having Jaw opening of 65mm x 32mm, which is suitable to take measurement from **Earthing Strip** or



Conductor of Φ 65mm x 32mm approx. These testers are capable of measuring Ground Resistance from 0.010 Ohms to 1000 Ohms and Leakage Currents in TRMS mode from range 80mA to 30A AC.

Data hold, Data Storing Memory, Configurable Alarm, Auto power off & Continuity Loop Test are **Key features of 4680BLC**. Calibration check can be verified by using the Standard Resistance Calibration plate provided with Tester. Accessories are Carry Bag, Resistance Verification Plate, Battery 1.5V (AA) x 4 PCs (Installed) and User Manual. ■

For Product Enquiry Contact

Meco Instruments Pvt. Ltd.

Mobile : 93233324354

Email: sales@mecoinst.com

Website: www.mecoinst.com

TGA-SP: Toxic Gas Detector – Single Point



Applications

They are used for continuous surveillance single point monitoring of either oxygen, toxic or flammable gases in workplaces or enclosed spaces in hazardous, explosive or toxic gas conditions & environments.

The TGA-SP is Single Point Wall Mounted Instrument work on 220 VAC main supply or 24 VDC main supply and has a sensor fitted with sensor housing. They use a FLP or IP 55 enclosure for the electronics as standard. The module is located at the site to be monitored, and the monitor electronics are in a safe area/instrumentation room. It is provided with two audible and visual alarms, relays, and recorder output of 0-1V and 4-20mA. They are meant for continuous operation of area monitoring with constant readout, plus vital status indicators.

Gases can be Measured:

CO, HCN, H₂S, O₃, SO₂, CL₂, O₂, NO₂, NH₃,

H₂, ETO, HCL, VOC

Features

- Two Alarms are audible and Visual, along with acknowledging and reset buttons, both set points viewable from the front face.
- Alarms settable as manual OR auto-reset type (Latching OR Non-Latching)
- One NO CNC potential-free relay contact per alarm.
- Confidence flash.
- 4-20 mA Output or 0-1 V and 4-20 mA Recorder Output
- Digital output (Optional): Modbus 485 or USB output
- Alarm and Buzzer Inhibit switch provided.
- One Alarm is High, the other settable as Low or High Alarm.
- All Connections under Cable Entry Cover thru glands.
- Status indicators for Alarm, Alarm Acknowledge, Buzzer Inhibit, Relay Inhibit & Confidence flash.

For Product Enquiry Contact

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