



B178R51V1

DensiControl IN

with connecting kit and 6 m long measuring hose

Device for automatic verification of switching points of installed density monitors

The (EU) F-gas regulation 517/2014 stipulates regular verification of density monitors installed in switchgear. In combination with a DILLO lock valve it is possible to quickly check whether the density monitor switching points are triggered in time without disassembling the density monitor. Thus, the DensiControl IN allows very quick, easy and precise verification of the switching points without SF₆ emission. The density controller to be verified is selected in the database and is separated from the gas compartment with the lock valve. After starting the measurement the gas in the density monitor is slowly released and collected in the internal storage vessel. During that procedure, the switching points are activated and recorded automatically. Furthermore, the switching points can be stored in the system with serial number and switchgear temperature and downloaded for documentation later on. After the measurement, the collected gas is pumped back into the switchgear.



Standard version

- Transport case
- Basic device with internal storage vessel
- Connecting kit and 6 m long measuring hose
- 5-measuring point certificate for pressure sensor
- USB stick
- DILLO connecting couplings DN8 and DN20
- Operating manual

Advantages & functions

- Automatic test process
- Test of density monitor without disassembly and without SF₆ emission (assembly of density monitor on lock valve is necessary)
- Easy handling and menu navigation via colour touch panel (7")
- Storage of 50 density monitor types with their corresponding switching points
- Storage of up to 200 measuring results
- Data transmission to USB stick and data output as a test report
- Indicating pressure units can be selected
- Adjustable user languages: German, English and French
- Trolley for comfortable transportation
- Pressure indication in bar pa / pe, kPa pa / pe, psi pa / pe, MPa pa / pe

Technical data

Weight	21 kg
Interface	USB and Ethernet
Operating temperature	0 to +45 °C
Frequency	50 - 60 Hz
Accuracy	Accuracy of the pressure sensor (0 - 50 °C): ≤ 0.1 % FS
Dimensions (W x H x D)	538 x 269 x 406 mm
Operating voltage	100 - 240 V
Mains fuse	2 x 3.15 A (T)

Optional accessories

B178R51-02	6 m long measuring hose extension
K176R11	Remote control via mobile devices
3-817-R008	Angle piece for DILO connecting couplings
K176R21EU	Mobile remote control router for Ethernet devices (EU)
K176R21NA	Mobile remote control router for Ethernet devices (NA)

