



Manufacturer Declaration of Conformity



Prosense Teknoloji San Ltd. Şti declares the DP Series products to be in accordance with the following standards and directives.

Name and address of Manufacturer: Prosense Teknoloji San Ltd Şti
Cumhuriyet Mah. Mermer Sok No:16
34876 - Kartal – İstanbul – Türkiye

Description of Devices: DP Series Fixed Type Gas Control Panel

Designation: [Ex Gb] IIC

Applied Harmonized international standards:

- IEC EN 60079-0:2017 (Ed. 7.0) Equipment – General requirements
- IEC EN 60079-29-1: 2016 (Ed. 2.0) Gas detectors – Performance requirements of detectors for flammable gases
- IEC EN 50271:2018: Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen - Requirements and tests for apparatus using software and/or digital technologies

Applied European Directives:

- 2014 / 30 / EU Electromagnetic Compatibility (EMC)
- 2014 / 35 / EU Low Voltage (LVD)

DP Series Fixed Type Gas Control Panel complies to below rules given in IEC EN 60079-29-1:

- Unpowered storage (§5.4.2 IEC 60079-29-1)
- Calibration and adjustment (§5.4.3 IEC 60079-29-1)
- Alarm set point(s) (§5.4.5 IEC 60079-29-1)
- Temperature test (§5.4.6 IEC 60079-29-1)
- Vibration test (§5.4.12 IEC 60079-29-1)
- Warm-up time (§5.4.14 IEC 60079-29-1)
- Time of response (§5.4.15 IEC 60079-29-1)
- High gas concentration operation above the measuring range (§5.4.16 IEC 60079-29-1)
- Power supply variations (§5.4.18 IEC 60079-29-1)
- Verification of software and digital components (§5.4.23 IEC 60079-29-1)
- EMC Test performed according to Tab.2 of IEC 61326-1:2012

Each DP Series gas control panel device which Production Quality Assurance procedures and Type Examination procedures have been applied has been shown to conform to an approved Type and to the applicable classification rules and essential principles before being supplied. This declaration is being made on the basis of the following certificates:

Production Quality Assurance Certificate: ExVeritas 18PQAN0072

Authorised Signatory: Firat Celep
Production Manager

Date: 05.03.2020