

Condor Technology Ltd.

Havenstraat 66 NL-1271 AG Huizen, the Netherlands

Heaters & Thermostats for hazardous locations

Email: mail@condortechnology.nl tel.: +31-(0)35-6947306

Ex d IIC T6 or T4 Gb

Ex tb IIIC T85 °C or T135 °C Db

II 2G Ex d IIC T6 or T4

II 2D Ex tb IIIC T 85 °C or T 135 °C

DEKRA 13ATEX0176

IECEx DEK 13.0062



Installation instructions FixTherm Inline Thermostat (IL)

Temperature settings are indicated in the Model-number: e.g. IL-25/20

Figures left of the slash-mark is the switch-off temperature in degrees °C.

Figures right of the slash-mark is the switch-on temperature in degrees °C.

The Inline Thermostat is available until a maximum 60°C.

The Inline Thermostat can be horizontally and vertically installed and the manufacturer has pre-attached the Inline Thermostat to the chosen heater in the factory.

Max. current/Voltage: 6A/240 VAC

English

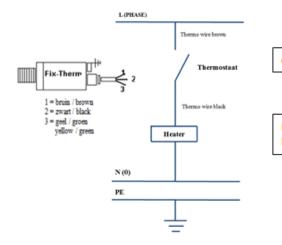
Installation- and maintenance instructions for explosion proof Inline thermostats (IL).

- 1. These Inline thermostats are for fixed installations. Due consideration should be given to the data on the nameplates and the "special requirements" mentioned in the certificate.
- 2. The apparatus may only be used on the basis of the way it is protected against ignition. The gas-group and temperature class (please see below) for which it is certified.
- 3. The Heater must be installed in the proper fashion.
- 4. The Inline-Thermostat must be placed at a minimum distance of 55 mm from the heater.
- 5. For good control it is better to place the Inline Thermostat further away than 15 mm from the cabinet wall.
- **6.** The cable needs to be protected against mechanical damage.
- 7. The external connections have to be connected to an ATEX certified junction box.
- **8. Please note**: the Inline Thermostat needs to be repaired by our factory only.

Product is in accordance with the following standards:

EN 60079-0: 2012 IEC 60079-0: 2011 Edition 6.0 EN 60079-18: 2009 IEC 60079-18: 2009 Edition 3

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Certified ambient temperature range: -55°C... + 65 °C

Max. Measuring temperature for T6/T 85 $^{\circ}$ C is 80° C Prospective short circuit current = 10A

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