



# Condor Technology Ltd.

## DATASHEET: ELECTRICAL FIXTHERM INLINE THERMOSTAT IL-\*/\*



### 1 Application

The FixTherm Inline Thermostats are often used as maximum thermostat in instrumentation cabinets with space-heating, to protect the equipment from overheating.

- Prevention of overheating
- Temperature protection

### 2 Features and Advantages

- Set-points up to 60°C
- Accurate set-point ( $\pm 3^\circ\text{C}$ )
- Small hysteresis
- Suitable for T6 classification
- Can be used for 6A / 240 VAC/DC

### 3 Description

The housing is made from covered aluminium.

When required in applications it is normal practice to use our Space-heaters and Direct-heaters in combination with this FixTherm Inline Thermostat(range from 10°C up to 60°C).



## 4 Range

IL-10/5 – going up with 5°C set-points e.g. 10/5 – 15/10 – 20/15 etc. up to 60°C maximum.

## 5 Technical data

Housing	:	Covered Aluminium
Current / voltage	:	6A / 240 VAC
Cable	:	3x 1 sqmm
Material cable	:	silicone cable, outer diam. ca. 7,4 mm
Standard length	:	ca. 1 mtr
Other lengths	:	on request
Overall dimensions	:	o.d. ca. 25 mm x 44 mm length
Weight	:	ca. 30 g.
Switch	:	SPST
Set-point tolerance	:	+/- 3°C
Hysteresis	:	ca. 2°C
Ambient temp. range	:	-55 °C ... + 65 °C
Ex protection class	:	ATEX 2 II G Ex mb IIC T6 Gb 2 II D Ex mb IIIC T85°C Db IECEX Ex mb IIC T6 Gb Ex mb IIIC T85°C Db
Certification	:	DEKRA 13ATEX0176 and IECEX DEK 13.0062

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