Ex-Capillary Thermostat

The capillary thermostat EL-CTB is for use in hazardous areas Zones 1 and 2 for gas and Zones 21 and 22 for dust as a surface thermostat on pipes and vessels. There are different temperature ranges possible. The material of the capillary tube is stainless steel. The rugged enclosure is made of aluminium.

Advantages:
- Robust
- Versatile use

Applications:
- Industrial applications
- Use in hazardous areas
- Heat tracing on pipes, valves and vessels
- Oil & gas industry
Technical details

Type EL-CTB

Data

- Ex-Classification: II 2 G Ex d IIB T6; II 2 D Ex tD A21; IP 66; T80°C
  (Important: Classification is subject to modification depending on cable entrances used by the customer!)
- Certificate: IBEXU03ATEX1130X
- IP rating: IP 66
- Ambient temperature: -25 up to +50°C
- Switching capacity: 16 A bei 240 V / 10 A bei 400 V
- Switching difference: approx. 6.5 K
- Switching contact: 1 pole
- Capillary tube: stainless steel
- Admissible sensor temperature, max.: 220°C
- Enclosure: lacquer-coated aluminium, dimensions (l x h x d), approx. 120 x 120 x 110 mm
- Bending radius capillary tube: 5 mm
- Cable entrance: 1 x gland M20, clamping range 10 - 14 mm
  1 x thread M 20 x 1.5
- Salt-water proof: yes

Designation | Temperature range | Item n°
--- | --- | ---
EL-CTB | -10 °C up to +30 °C | 0X63032
EL-CTB | +5 °C up to +65 °C | 0X63065
EL-CTB | 0 °C up to +180 °C | 0X63180
EL-CTB | +50 °C up to +320 °C | 0X63320

Measurement and Control

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Website: www.heattracing.co.uk
www.thorneandderrick.co.uk

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