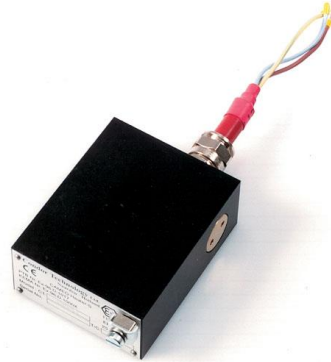




Condor Technology Ltd.

DATASHEET: ELECTRICAL DIRECT HEATER - MODEL CT-(*)A



1 Application

Direct-heaters for Hazardous locations, designed for direct mounting onto e.g. manifolds etc.

- Freeze protection
- Anti-condensation
- Temperature maintenance

2 Features and Advantages

- Self-limiting heating elements
- Small dimensions
- No moving parts, no maintenance required therefore long lifetime
- Suitable for T4 and T3 classifications
- Can be used for 110 / 240 VAC/DC

3 Description

All Cameo Heaters are designed around self-limiting heating elements. These semi-conductor elements are saving power consumption. Our Cameo Direct-heaters are designed to heat the installed equipment. If properly selected for freeze protection, no thermostat will be needed.

When required in other applications, e.g. analyzers, it is normal practice to use our Direct-heaters in combination with our Fix-Therm96 thermostats (range from 10°C up to 135°C) or our FixTherm Inline Thermostat(range from 10°C up to 60°C).



4 Range

CT-1A	T3	ca. 115 °C Surface temperature	250-25 Watt
CT-2A	T4	ca. 105 °C Surface temperature	250-25 Watt
CT-3A	T4	ca. 90 °C Surface temperature	250-25 Watt
CT-4A	T4	ca. 70 °C Surface temperature	250-25 Watt

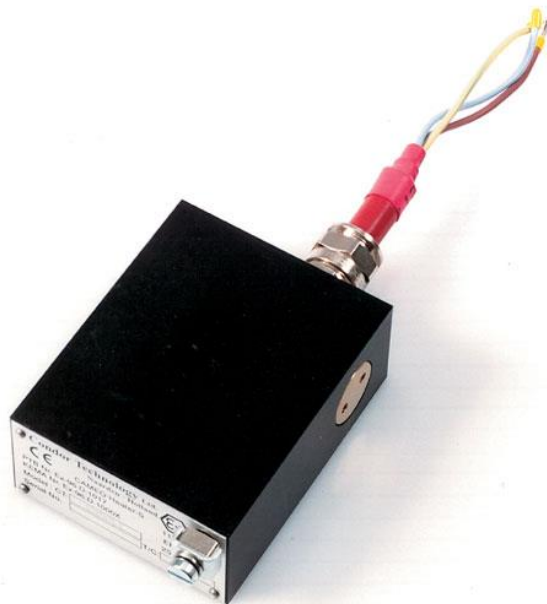
* these temperatures are measured at 20 °C ambient temperature.

5 Technical data

Power	:	250-25 Watt
Electrical cable	:	3 x 1 sqmm
Material cable	:	braided silicone, optional: non-braided cable
Standard length	:	ca. 1 mtr. Other lengths optional
Overall dimensions	:	88 x 70 x 35 mm (LxWxH)
Weight	:	ca. 550 g.
Material	:	black anodized aluminium
Protection class	:	II2G Ex d IIC T4 or T3
	:	II2D Ex tD A21 IP66 T 135 °C or T 200 °C
Certification	:	KEMA 01ATEX2124X and IECEx DEK 11.0017
IP degree	:	IP 66
Voltage AC/DC	:	110/240
Ambient temp. range	:	- 60 °C ... + 90 °C



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