

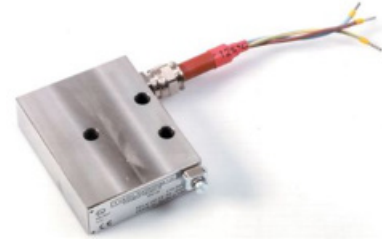
### Electrical Direct Ex Heater Type CS-\*A

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

- Freeze protection
- Anti-condensation
- Temperature maintenance

#### Features and Advantages

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



#### Technical Data:

Power consumption	250-25Watt
Electrical cable	3x1 sqmm
Material cable	Braided silicone; optional: Non-braided optional
Standard length	approx. 1 mtr. Other lengths optional
Other lengths	To be specified
Overall dimensions	85x65x28mm (LxWxH)
Weight	Approx. 900g
Material	stainless steel 316
EX protection class	II 2G Ex d IIC T4 or T3; II 2D Ex tD A21 IP66 T 135°C or T200°C
Certification	KEMA 01ATEX2124X and IECEx DEK 11.0017
Voltage AC/DC	110/240 VAC/DC
Protection degree	IP66
Ambient temp. range	-60°C...+90°C

#### 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.

Part No.	Classification	Surface temp.	Wattage
CS-1S	T3	Approx 115°C	250-25
CS-2S	T4	Approx 105°C	250-25
CS-3S	T4	Approx. 90°C	250-25
CS-4S	T4	Approx. 70°C	250-25

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