



# EXPLOSION PROOF ELECTRICAL HEATERS

Explosion proof electrical heaters are designed to be fitted in hazardous areas according to T3 or T4 temperature class and a zone classification 1 or 2.

Electrical heaters can be used in many different applications, such as air handling units (AHUs), offshore, chemical and petrochemical installations, shipbuilding and process industry. All heaters are designed for both indoor and outdoor use.

## TEMPERATURE CONTROL

The heater has to be regulated by a control unit. If the heater is located in hazardous area, the control unit also has to be approved for use in hazardous area.

## MATERIALS

The heaters are made of materials suitable for their use, depending on the medium and surroundings. Stainless steel is used as standard for both connector housings and heating elements.

## TECHNICAL DATA

- heating elements: Ø8.5 to Ø12.7mm stainless steel AISI 316L or other SS grades
- surface load on sheath: max. 1.3W/cm<sup>2</sup>
- degree of protection: IP66
- voltage: up to 690V
- design: quadrilateral, round or as an insert
- temperature restrictions: all heaters are provided with a safety thermostat and thermofuse
- junction box: stainless steel AISI 316L or other SS grades
- air flow switch - possible to add

## APPROVAL

The heater is approved in accordance with applicable standards.

Tested and approved by TÜV Nord.

TÜV 13 ATEX 131672 X

IECEx TUN 13.0036 X

EAC Ex

