

## Product overview

**EPHY MESS**

Gesellschaft für Elektro-Physikalische Meßgeräte mbH



**Tailor-made sensors. Worldwide.**

## 15. ELECTRIC BAND HEATERS

Electric band heaters (SSH) are designed for use in electric machines. They help to avoid condensation and frost damage in a cold environment when a motor is not running. Our portfolio includes standard versions with or without glass fibre insulation, as well as self limiting versions and ATEX versions for use in hazardous areas. They are available with different power stages, heating band lengths, cable lengths or supply voltages.



band heaters without glass fibre (oGS)

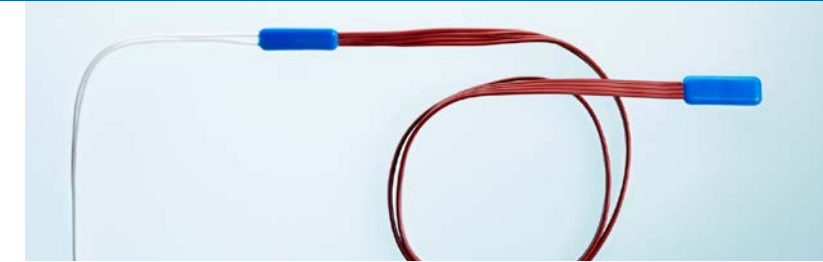
band heaters with glass fibre (mGS)

### Electric band heaters

- silicone insulated, flexible heating band
- temperature range  $-40^{\circ}\text{C} \dots +180^{\circ}\text{C}$
- fixed connected supply line insulated with FEP, standard length 500 mm
- for use in coils of electric motors
- resistance wire of copper/nickel or nickel/chromium alloy
- wound on glass fibre carrier according to DIN VDE 0254, silicone insulated
- versions with or without glass fiber insulation (mGS / oGS)
- with glass fibre tube suitable for VPI process (vacuum-pressure-impregnation)
- as 110 V respectively 230 V version, power up to 100 W normally
- special versions available on request
- other cable lengths on request



SSH-oGS



SSH-ATEX

### Electric band heaters for hazardous areas SSH-ATEX

- temperature range  $-40^{\circ}\text{C} \dots +150^{\circ}\text{C}$
- protection type Ex e / Ex eb
- resistance wire made from copper/nickel or nickel/chromium alloy
- coiled on glass fiber carrier according to DIN VDE 0254, silicone insulated
- either with or without glass fibre hose as external insulation
- fixed connected supply line insulated with FEP, standard length 500 mm
- other cable lengths on request



SSH-ATEX

### Certificates



SSH-SB

### Self-limiting electric band heaters SSH-SB

- temperature range  $-50^{\circ}\text{C} \dots +180^{\circ}\text{C}$
- parallel supply line, heating element made of semiconducting plastic mixture
- braided shield of tinned copper wire
- external insulation from FEP
- fixed connected supply line insulated with FEP, standard length 500 mm
- other cable length on request



SSH-SB

### Certificates

