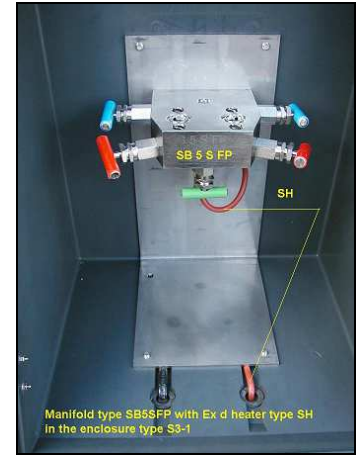


## Superheat



### EEEx d HEATING type SH / SHR

Self-Limiting Electric Manifold EEx d Heater *Superheat* is designed to be attached directly screwed into manifolds. The heater heats the device by heat conduction. This is the easiest, safest and economical method of freeze protection or temperature application of funds. *Superheat* is developed together with patented SB-Manifolds.

It is the best way to heat manifolds + transmitter in the first place for high temperatures from +40° up to +90°C without heating of the electronic part of the transmitter.

The production of the heat on the place where the heat is needed, right in the middle of the manifold with direct conduction, the power consumption is very low.

With outside temperature -20°C needs SH-40 approximately 4W to keep transmitter + manifold frost free.

A conduction heater requires 90% less power than a finned convection heater, as the heat conduction qualities of metal are lot better than those of air.

The air surrounding the manifold and transmitter in the enclosure serves as additional insulation.

- Optimal temperature of medium
- Very low electricity consumption (circa 5 W)
- Overheat protection of transmitter

Ignition protection class II 2G Ex d IIC T3 Gb

EC-Type Examination Certificate FTZÚ 03 ATEX 0258X

Nominal voltage up 80 V to 265 V

Nominal power up 50W to 100W

Ambient temperature range -60° to +140°C

Material - Body Stainless Steel

Connection cable\* SILFLEX SiHF 3G x 0,75mm (Standard length 1m /other lengths upon inquiry)

## Other options of heater SH

### 1) Type SH/AL

with ALU-Body for manifolds without directly heater screw/connection



### 2) Type SHR – with ALU-Ribbing

example for enclosure without manifolds (= freezing protection)



### 3) Double heating SHR in enclosure

for bigger spaces or high temperature into enclosure



### 4) Type SH-X/AS-90

Heating of Flange/Probe

