Martens
○ Member of GHM GROUP

NEW

Highest safety.

The only safety temperature limiter for panel mounting –
Safety-TL4896

Members of GHM GROUP:

GREISINGER
HONSBERG
Martens
IMTRON
Delta OHM
VAL.CO

○ *Martens*

21,6°C

Safety-TL4896

TÜV NORD

SIL
Suitable for Safety Applications
IEC 61508 / IEC 61511

Cost-effective safety for your processes

Safety temperature limiter Safety-TL:
- ○ can be used directly as a process indicator because it does not sit on the rail
- ○ reduces downtime with a pre-alarm that allows early intervention and correction
- ○ integrated analogue output for the temperature signal eliminates the need for another measuring chain, for the signal to the PLC or SCADA world
- ○ direct execution of the reset function on the device that makes an additional element in the panel unnecessary

Monitoring of thermal processes in industrial environments:
- ○ certified to EN 14597, EN 61508 and SIL2
- ○ input Pt100 in 3-wire connection or double thermocouple J, K, N or S
- ○ alarm output as a positive-guided relay change
- ○ pre-alarm output as relay changer
- ○ built-in self-checking and redundancy
- ○ multiple fault tolerance (required in EN 746-2)
- ○ analog output 0/4..20 mA; 0/2..10V
- ○ temperature limit and switching hysteresis adjustable
- ○ reaction time ≤ 0.5 s