



Thermo Detector GreCon TM 3/9 plus

Temperature monitoring with simultaneous
detection at three different points

KEY BENEFITS

- ✓ Protect against the risk of fire in industrial processes caused by overheating machinery
- ✓ Configurable temperature thresholds, pre-alarm threshold, individual dry contacts for slaves
- ✓ Graphical monitoring of the temperature evolution for each probe with GreCon TOUCH control console
- ✓ Intelligent detector with extended internal monitoring
- ✓ Real-time detector status via LEDs

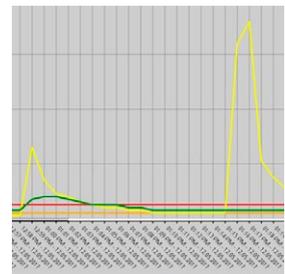
THERMO DETECTOR GRECON TM 3/9 PLUS

The heat detector TM 3/9 plus is a sensor for the simultaneous detection of temperatures in a maximum of three different areas. The temperature alarm threshold is not a fixed value and can be set in a wide range and may be configured using the GreCon Configurator tool.

If the temperature at the measuring point exceeds the configured threshold temperature, then an alarm signal is sent to the control console and this signal is active until the temperature falls below the threshold value. The control console interfaces with the detector for monitoring of ignition sources within the process, configuration of detection parameters and automated check of the detector's correct function.

TECHNICAL DATA

Temperature switching points	+60 °C to max. +200 °C
Number of probes	1, 2 or 3
Sensing element	PT 1000
Ambient temperature range	Non-Ex zone -40 °C to +85 °C Ex zone -20 °C to +60 °C
Process temperature range	Non-Ex zone -40 °C to +340 °C Ex zone -20 °C to +60 °C
Storage temperature	-20 °C to +60 °C
Relative humidity	0 to 95 %, non-condensing
Application area	dust explosive zone 20
Protection class	IP 66
Connection	pre-fitted pluggable connecting cable
Number of wires/ wire cross section	3 x 0.5 mm ²
Cable length	2.5 m, 25 m (optionally)
Material of housing	aluminium die casting
Housing dimensions	84 mm x 84 mm x 31 mm
Supply voltage	13 V to 30 V DC
Current drawn	min. 3 mA to max. 30 mA



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