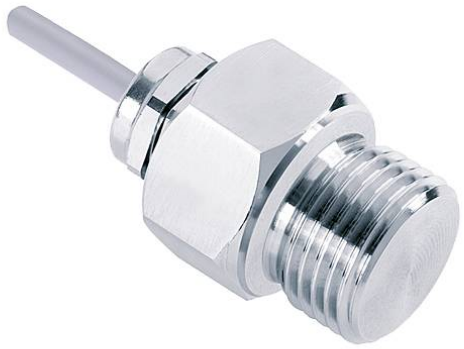
Application-specific temperature sensors | TGM 050-TS060

- Switches directly if the temperature threshold is exceeded
- 230 V AC
- Compact and robust design in stainless steel housing and with G ½ thread
- Temperature thresholds in the range from 60° C ... 100° C freely selectable ex factory
- For use in fluids
- For the protection of plant components and systems against overheating



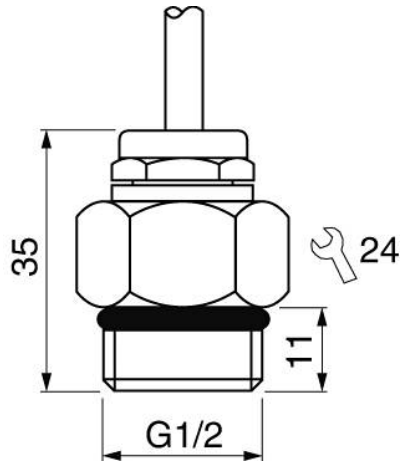
G1/2 - temperature threshold 60 °C

TYPE	TGM 050-TS060
Product ID	P71033
Response temperature	60 °C
Reset temperature range below threshold	30 +/-15 K
Tolerance	+/- 5 K
Process connection	G 1/2
Output	switching output
Switching voltage max.	230 V AC
Switching current max.	max. 2,5 cos φ = 1 / max. 1,6 cos φ = 0,6
Ambient temperature	-10 °C ... 80 °C
Medium temperature	-10 °C ... 120 °C
Compressive strength (at 25°C)	30 bar
Material sensor touched by medium	stainless steel AISI 316 Ti
Material housing	stainless steel AISI 316 Ti, brass-Ni
Protection [EN 60529]	IP 69
Protection [EN 60529] housing	IP 67

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Technical Image



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