

## Compact switch

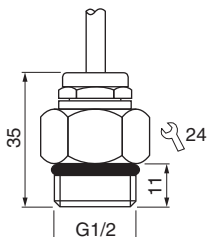

### Series TGM

For the monitoring of temperature thresholds

Sensor tip pressure resistant up to 30 bar

IP 68 / IP 69K



Design	G1/2	
Dimensions		
Sensing temperature [°C]	+60 °C...100 °C (5 °C step)	
Output		
ID-No.	P.....	
Type	TGM 050-TSxxx	
Tolerance [K]	±5	
Reset	30 ±15 K	
temperature range [K]	below temperature threshold	
Medium temperature [°C]	-10...+120	
Temperature range cable [°C]	-10...+80	
Switching voltage [V]	max. 230 AC	
Switching current [A]	max. 2,5 cos φ = 1 max. 1,6 cos φ = 0,6	
Protection [EN 60529]	IP 67	
Housing	IP 68 / IP 69K	
Sensor tip	AISI 316 Ti, Br-Ni	
Housing material	30	
Compressive strength [bar]	O-Ring, 16x2.5 NBR	
Sealing	2 m PVC-cable 2x0.5 mm <sup>2</sup>	
Connection		

The temperature threshold of the sensor is specified by "TSxxx" in the type designation.

xxx: °C

Temperature threshold	ID-No.
60 °C: TS060	P71033
65 °C: TS065	P71034
70 °C: TS070	P71035
75 °C: TS075	P71036
80 °C: TS080	P71037
85 °C: TS085	P71038
90 °C: TS090	P71039
95 °C: TS095	P71040
100 °C: TS100	P71041

