



Compact switch

For the monitoring of
temperature thresholds

Sensor tip pressure
resistant up to 30 bar

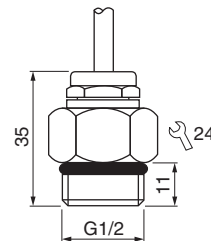
IP 68 / IP 69K



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

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

Protection [EN 60529]	
Housing	IP 67
Sensor tip	IP 68 / IP 69
Housing material	AISI 316 Ti, Br-Ni
Compressive strength [bar]	30
Sealing	O-Ring, 16x2.5 NBR
Connection	2 m PVC-cable 2x0.5 mm²

