



Compact switch

For the monitoring of temperature thresholds

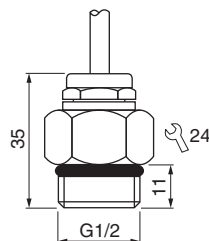
Sensor tip pressure resistant up to 30 bar

IP 68 / IP 69K



Design **G1/2**

Dimensions



Sensing temperature	[°C]	+60 °C...100 °C (5 °C step)																					
Output																							
ID-No.		P....	The temperature threshold of the sensor is specified by "TSxxx" in the type designation. xxx: °C <table border="0"> <thead> <tr> <th>Temperature threshold</th> <th>ID-No.</th> </tr> </thead> <tbody> <tr><td>60 °C:</td><td>TS060</td></tr> <tr><td>65 °C:</td><td>TS065</td></tr> <tr><td>70 °C:</td><td>TS070</td></tr> <tr><td>75 °C:</td><td>TS075</td></tr> <tr><td>80 °C:</td><td>TS080</td></tr> <tr><td>85 °C:</td><td>TS085</td></tr> <tr><td>90 °C:</td><td>TS090</td></tr> <tr><td>95 °C:</td><td>TS095</td></tr> <tr><td>100 °C:</td><td>TS100</td></tr> </tbody> </table>	Temperature threshold	ID-No.	60 °C:	TS060	65 °C:	TS065	70 °C:	TS070	75 °C:	TS075	80 °C:	TS080	85 °C:	TS085	90 °C:	TS090	95 °C:	TS095	100 °C:	TS100
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Type		TGM 050-TSxxx																					
Tolerance	[K]	±5																					
Reset temperature range	[K]	30 ±15 K																					
Medium temperature	[°C]	below temperature threshold																					
Temperature range cable	[°C]	-10...+120																					
Switching voltage	[V]	-10...+80																					
Switching current	[A]	max. 2,5 cos φ = 1 max. 1,6 cos φ = 0,6																					
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 mm ²																					

