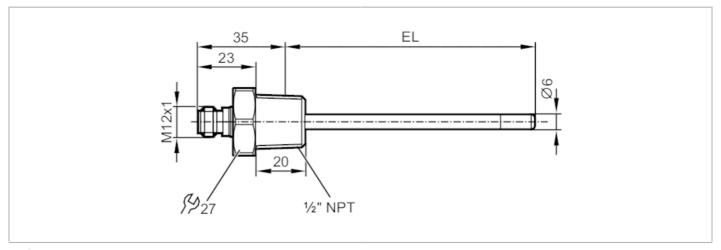
TM4311

Temperature sensor with process connection

TM-050KFBN12- /US/







Application			
Measuring element		1 x Pt 100; (to DIN EN 60751, class A)	
Media		liquids and gases	
Pressure rating	[bar]	160	
Minimum installation depth	[mm]	15	
Electrical data			
Protection class		III	
Measuring/setting range			
Probe length L	[mm]	42	
Measuring range		-40150 °C	-40302 °F
Accuracy / deviations			
Accuracy	[K]	± (0,15 K + 0,002 × t)	
Response times			
Dynamic response T05 / T09 [s]		1 / 3; (to DIN EN 60751)	
Operating conditions			
Ambient temperature	[°C]	-2580	
Storage temperature	[°C]	-40100	
Protection		IP 68; IP 69K	
Tests / approvals			
Shock resistance		DIN EN 60068-2-2-27	50 g (11 ms)
Vibration resistance		DIN EN 60068-2-6	10 g (102000 Hz)
MTTF	[years]	22831	
Mechanical data			
Weight	[g]	134	
Materials		stainless steel (1.4404 / 316L)	
Materials (wetted parts)		stainless steel (1.4404 / 316L)	
Process connection		threaded connection 1/2" NPT	
Probe diameter	[mm]	6	
Installation length EL	[mm]	50	

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/US/



Remarks		
Domarko	operating voltage "supply class 2" according to cULus	
Remarks	The values for accuracy apply to flowing water.	
Pack quantity	1 pcs.	

Electrical connection

Connector: 1 x M12; Contacts: gold-plated



Connection

