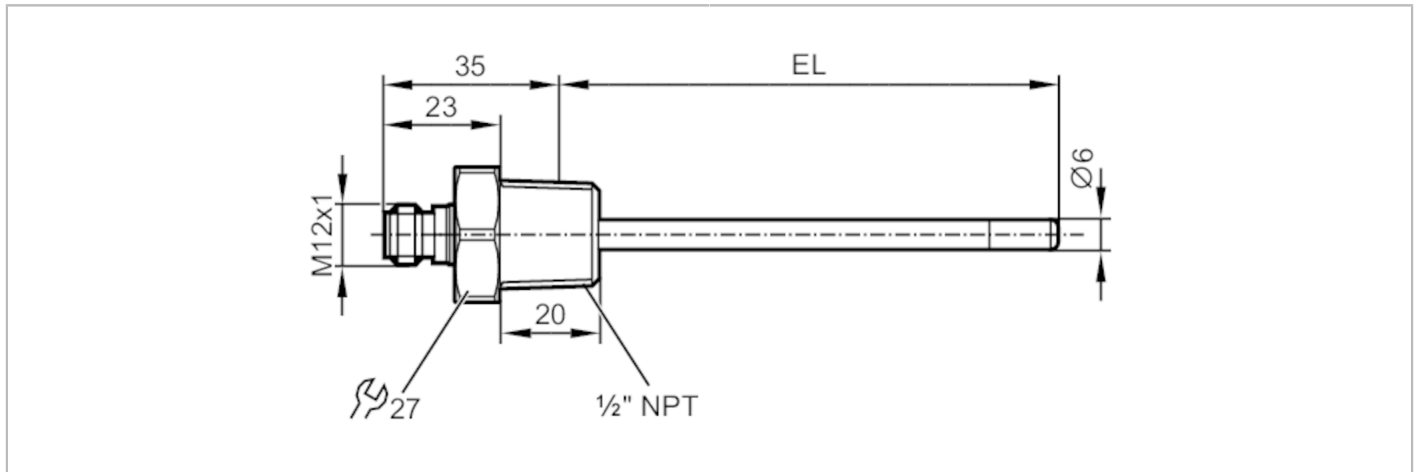


# TM4361



## Temperature sensor with process connection

TM-250KFBN12- /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]	242
Measuring range	-40...150 °C      -40...302 °F
Accuracy / deviations	
Accuracy [K]	$\pm (0,15 K + 0,002 \times  t )$
Response times	
Dynamic response T05 / T09 [s]	1 / 3; (to DIN EN 60751)
Operating conditions	
Ambient temperature [°C]	-25...80
Storage temperature [°C]	-40...100
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      5 g (10...2000 Hz)
MTTF [years]	22831
Mechanical data	
Weight [g]	205.5
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]	250

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## Temperature sensor with process connection

TM-250KFBN12-

/US/

### Remarks

Remarks

operating voltage "supply class 2" according to cULus

The values for accuracy apply to flowing water.

Pack quantity

1 pcs.

### Electrical connection

Connector: 1 x M12; Contacts: gold-plated



### Connection

