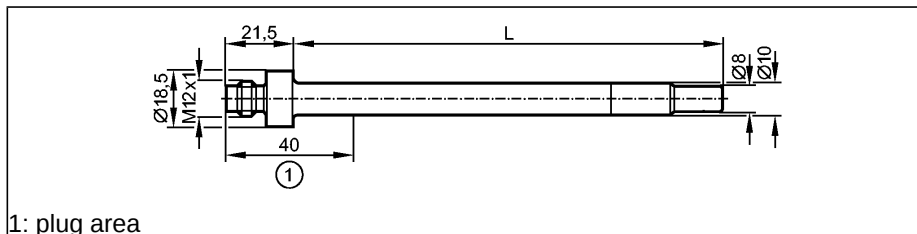


Temperature sensors

TT2050

Ø 10 mm
Temperature sensor for connection to
evaluation units
Quick disconnect

gold-plated contacts
Connection to control monitor TP / TR
Measuring range
-40...150 °C / -40...302 °F



1: plug area



Made in Germany

Application	
Probe length L [mm]	
Pressure rating	[bar]
Accuracy	
Measuring element	
Dynamic response	T05 / T09 [s]
Minimum installation depth	[mm]
Ambient temperature	[°C]
Protection	
MTTF	[Years]
Housing materials	
Materials (wetted parts)	
Connection	
Weight	[kg]
Remarks	

liquids and gases	
260	
Pressure rating	160
Accuracy	$\pm (0.15 \text{ K} + 0.002 \times t)$
Measuring element	1 x Pt 1000, to DIN EN 60751, class A
Dynamic response	1 / 3 *)
Minimum installation depth	15
Ambient temperature	-25...80 **)
Protection	IP 68 / IP 69K, III
MTTF	22831
Housing materials	stainless steel 316L / 1.4404
Materials (wetted parts)	stainless steel 316L / 1.4404
Connection	M12 connector; gold-plated contacts
Weight	0.077
Remarks	<p>*) according to DIN EN 60751</p> <p>**) for the plug area</p> <p>The values for accuracy apply to flowing water.</p> <p>cULus - Class 2 source required</p>

Wiring

