efector600

TT1281

TT-150KFBD06- /US/

Temperature sensors
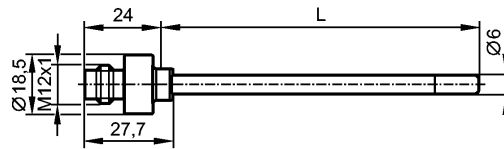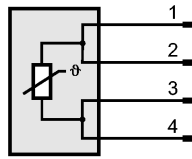

Made in Germany

Product characteristics	
Temperature sensor for connection to a control monitor with a max. operating voltage of 32 V	
Connector	
Installation length: 150 mm	
Gold-plated contacts	
Connection to control monitor TP / TR	
Measuring range: -40...150 °C / -40...302 °F	
Measuring element: 1 x Pt 100, to DIN EN 60751, class A	

Application		
Application		liquids and gases
Minimum installation depth	[mm]	15

Electrical data		
Connection to control monitor		TP / TR
Protection class		III

Measuring / setting range		
Measuring range	[°C/°F]	-40...150 / -40...302

Accuracy / deviations		
Accuracy		± (0.15 K + 0.002 x |t|)

Reaction times		
Dynamic response	T05 / T09 [s]	1 / 3 *)

Environment		
Pressure rating	[bar]	160
Ambient temperature	[°C]	-25...80
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 (10...2000 Hz)
MTTF	[Years]	22831	

Mechanical data		
Materials (wetted parts)		stainless steel 316L / 1.4404
Probe diameter	[mm]	6
Probe length L	[mm]	150
Installation length	[mm]	150
Housing materials		stainless steel 316L / 1.4404
Weight	[kg]	0.039

Electrical connection		
Connection		M12 connector; Gold-plated contacts

Wiring

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Remarks	
Remarks	cULus - Class 2 source required *) according to DIN EN 60751 The values for accuracy apply to flowing water.
Pack quantity [piece]	1