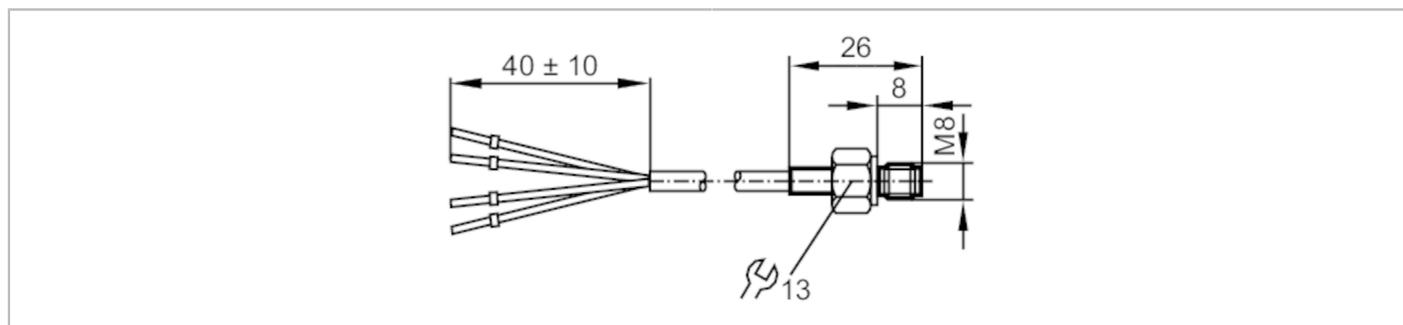


TS285A



Temperature cable sensor with screw-in sensor

TS-200KLM08..../3D/3G



Product characteristics		
Measuring range	-20...115 °C	-4...239 °F
Process connection	threaded connection M8 external thread	
Application		
Measuring element	1 x Pt 100; (to DIN EN 60751, class A; operating current max. 10 mA)	
Installation	surface mount RTD for solid bodies	
Electrical data		
Operating voltage [V]	< 6 DC	
Insulation rating [V]	2500; (insulation between sensor housing and internal structure of the sensor)	
Protection class	III	
Measuring/setting range		
Measuring range	-20...115 °C	-4...239 °F
Note on measuring range	measuring range for non-ATEX applications: -20...150 °C / -4...302 °F	
Accuracy / deviations		
Accuracy [K]	± (0,15 K + 0,002 x t)	
Response times		
Dynamic response T05 / T09 [s]	8 / 20; (for water (70 °C; 0,04 m/s))	
Operating conditions		
Protection	IP 67	
Tests / approvals		
ATEX marking	II 3D Ex tc IIIC T135°C Dc X II 3G Ex nA IIC T4 Gc X	
MTTF [years]	14269.4	
Mechanical data		
Weight [g]	111.05	
Housing	screw-in sensor	
Dimensions [mm]	M8	
Thread designation	M8	
Materials	stainless steel (316L/1.4404)	
Process connection	threaded connection M8 external thread	
Remarks		
Pack quantity	1 pcs.	

TS285A



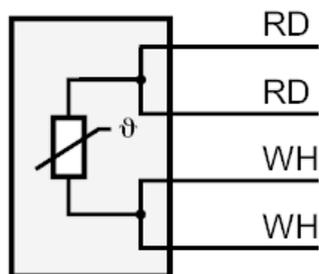
Temperature cable sensor with screw-in sensor

TS-200KLM08..../3D/3G

Electrical connection

Cable: 2 m, silicone; 4 x 0.34 mm²

Connection



RD =
WH =

Core colours :
red
white