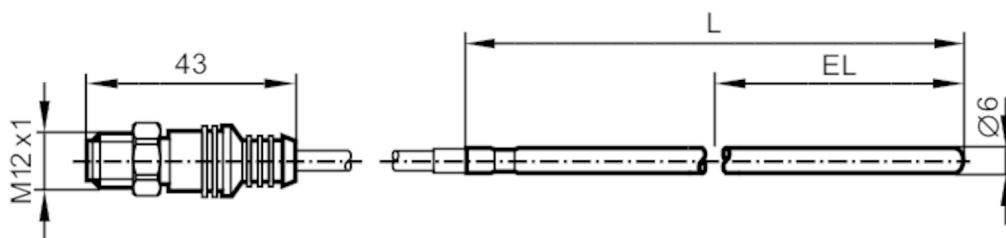# TS2454

Temperature cable sensor with process connection

TS-200KLKD06 .../US

1   connection area, see remark

DNV
DNV.COM/AF

Product characteristics			
Measuring range		-100...600 °C	-148...1112 °F
Process connection		clamp adapter Ø 6 mm	
Installation length EL	[mm]	200; (medium temperatures < 200 °C: 250)	

Application		
Measuring element		1 x Pt 100; (to DIN EN 60751, class A)
Media		liquids and gases
Minimum installation depth	[mm]	15

Electrical data	
Protection class	III

Measuring/setting range			
Probe length L	[mm]	250	
Measuring range		-100...600 °C	-148...1112 °F

Accuracy / deviations		
Accuracy	[K]	± (0,15 K + 0,002 x|t|)

Response times		
Dynamic response T05 / T09	[s]	12 / 34; (to DIN EN 60751)

Operating conditions	
Protection	IP 67

Tests / approvals		
MTTF	[years]	11415.5

Mechanical data		
Weight	[g]	101.9
Housing		cylindrical
Dimensions	[mm]	Ø 6 / L = 250
Materials		stainless steel (316Ti/1.4571); PFA/PTFE
Materials (wetted parts)		stainless steel (316Ti/1.4571)
Process connection		clamp adapter Ø 6 mm
Probe diameter	[mm]	6
Installation length EL	[mm]	200; (medium temperatures < 200 °C: 250)

Remarks	
Remarks	The values for accuracy apply to flowing water.

TS2454

Temperature cable sensor with process connection

TS-200KLKD06 .../US

Pack quantity	1 pcs.

Electrical connection

Cable: 2 m, PTFE; temperature resistant up to 250 °C

Connector: 1 x M12; coding: A

Connection