

# LEX55 Ex ec certified RTD for zone 2 and 22

## Construction

<b>ATEX execution</b>	II 3 G Ex ec IIC T6...T1 Gc
<b>ATEX certification</b>	DEKRA 18ATEX0024 X
<b>IECEX execution</b>	Ex ec IIC T6...T1 Gb
<b>IECEX certification</b>	IECEX DEK 17.0046X
<b>Suitable for zone</b>	2 and 22
<b>Ingress protection</b>	IP65 / IEC529
<b>Ambient temp. range</b>	Ambient temp. range -45°C...+80°C, this can be limited depending on the materials applied such as cables, connection heads, junction boxes.

## Connection Head

<b>Model</b>	DAN-AK (showed), other Ex certified connectionheads possible
<b>Material</b>	Aluminium, Stainless Steel or Plastic
<b>Cable entry</b>	M20x1.5 standard, other threads possible
<b>Measuring insert</b>	
<b>Construction</b>	Springloaded and replaceable
<b>Springaction</b>	>10mm standard, >40mm optional
<b>Diameter</b>	6.0mm standard, other diameters possible
<b>Type</b>	Mineral insulated (MgO)

## Sensor

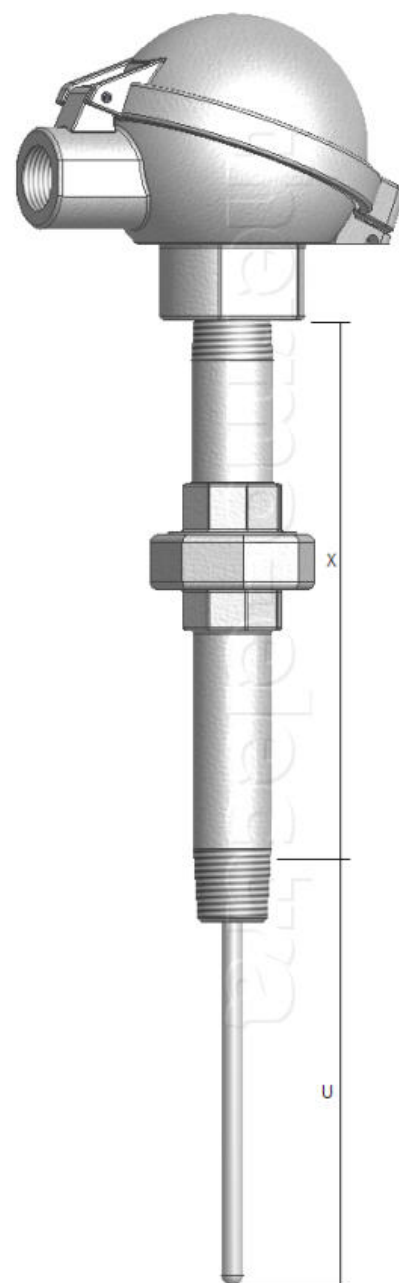
<b>Execution</b>	Single or Duplex Pt100
<b>Connection</b>	3-wire standard, 4-wire optional
<b>Accuracy</b>	According IEC 60751 Cl. B, A or AA
<b>Measuring range</b>	-20°C...+400°C standard, -220°C...+600°C optional

## Extension

<b>Type</b>	Nipple - union - nipple standard, other constructions possible
<b>Material</b>	Stainless steel
<b>Style / Connection</b>	1/2"NPT standard, other threads possible
<b>Length</b>	150 mm standard, other lengths possible

## Notes

The LEX55 is the replacement for the LEX45 Ex nA  
This datasheet is purely indicative, build-up of model code may vary from this datasheet



## Ordering code

\*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model	LEX55				
Sensor (S or D)					
Class B, A or AA					
Length "U" in mm					
Length "K" in mm					



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