

# LEX50 Ex ta/tb certified resistance thermometer for zone 1, 2 and 20, 21, 22



## Construction

<b>ATEX execution</b>	II 1 D Ex ta IIIC T85°C...T300°C Da II 1/2 D Ex ta/tb IIIC T85°C...T300°C Da/Db II 2 D Ex tb IIIC T85°C...T300°C Db
<b>ATEX certificate</b>	DEKRA 17ATEX0123 X
<b>IECEx execution</b>	Ex ta IIIC T85°C...T300°C Da Ex ta/tb IIIC T85°C...T300°C Da/Db Ex tb IIIC T85°C...T300°C Db
<b>IECEx certificate</b>	IECEx DEK 17.0046X
<b>Suitable for zone</b>	1, 2 and 20, 21, 22
<b>Ingress protection</b>	IP65 / IEC529
<b>Ambient temp. range</b>	-40°C...+75°C, this can be limited depending on the materials applied such as cables, connection heads, junction boxes and transmitters.

## Connection head

<b>Model</b>	CE (showed), other Ex ta/tb certified heads possible
<b>Material</b>	Aluminium, plastic or stainless steel
<b>Cable Entry</b>	M20x1.5 standard, other threads possible

## Measuring insert

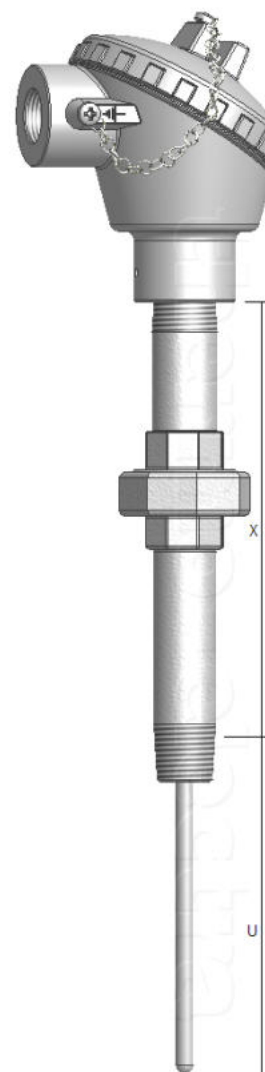
<b>Construction</b>	Springloaded and replaceable
<b>Springaction</b>	>10mm standard, >40mm optional
<b>Diameter</b>	6.0mm standard, other diameters possible
<b>Type</b>	Mineral insulated (MgO)

## Sensor

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

## 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



## Ordering code

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

Model	LEX50						
Sensor S or D							
Connection 3- or 4-wire							
Class B, A or AA							
Diameter "D" in mm							
Length "U" in mm							
Length "X" in mm							



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