

# 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.

## Sheath

<b>Construction</b>	Mineral insulated (MgO)
<b>Material</b>	SS316 standard, other materials possible
<b>Diameter "D"</b>	Customer to specify (0.25-12.7mm)
<b>Length</b>	Customer to specify

## Sensor

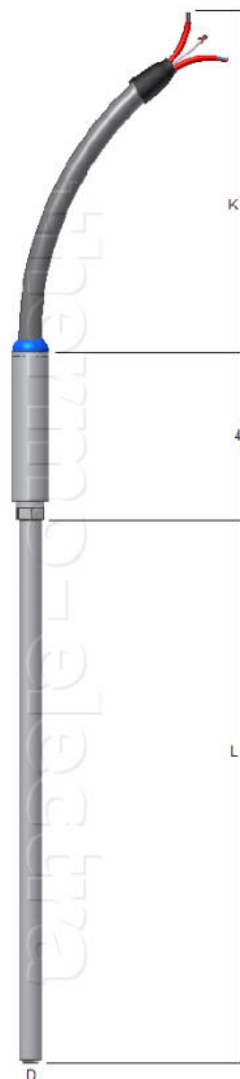
<b>Execution</b>	Single or Duplex Pt100
<b>Connection</b>	3-wire standard, 4-wire optional
<b>Accuracy</b>	According IEC 60751 Cl. B, A or AA
<b>Measuring range</b>	-20°C...+400°C standard, -220°C...+600°C optional

## Sealpot

<b>Length</b>	45mm
<b>Diameter</b>	To suit cable diameter

## Connection cable

<b>Cable insulation</b>	PVC, PUR, Silicon or PTFE. Customer to specify
<b>Cable length</b>	Customer to specify



## Ordering code

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

