

# LEX55 Ex ec certified RTD sensor for zone 2 and 22

## Construction

<b>ATEX execution</b>	II 3 G Ex ec IIC T6...T1 Gc
<b>ATEX certificate</b>	DEKRA 18ATEX0024 X
<b>IECEX execution</b>	Ex ec IIC T6...T1 Gc
<b>IECEX certificate</b>	IECEX DEK 17.0046X
<b>Suitable for zone</b>	2 and 22
<b>Ingress protection</b>	IP65 / IEC529
<b>Ambient temp. range</b>	-45°C...+80°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</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 system standard, 4-wire system 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

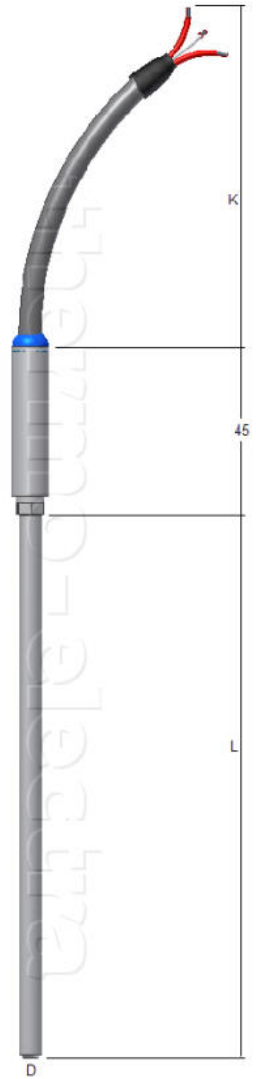
<b>Length</b>	45mm
<b>Diameter</b>	To suit cable diameter

## Connection cable

<b>Insulation</b>	PVC, PUR, Silicon or PTFE. Customer to specify
<b>Cable length</b>	Customer to specify
<b>Options</b>	(Stainless)Steel wire braiding, screen and/or earth-/drainwire

## Datasheet notification

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

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