

**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>	Stainless steel 316 standard, other materials possible
<b>Diameter</b>	Customer to specify (0.25-12.7mm)
<b>Length</b>	Customer to specify
<b>Hot junction</b>	Isolated

**Sealpot**

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

**Thermocouple**

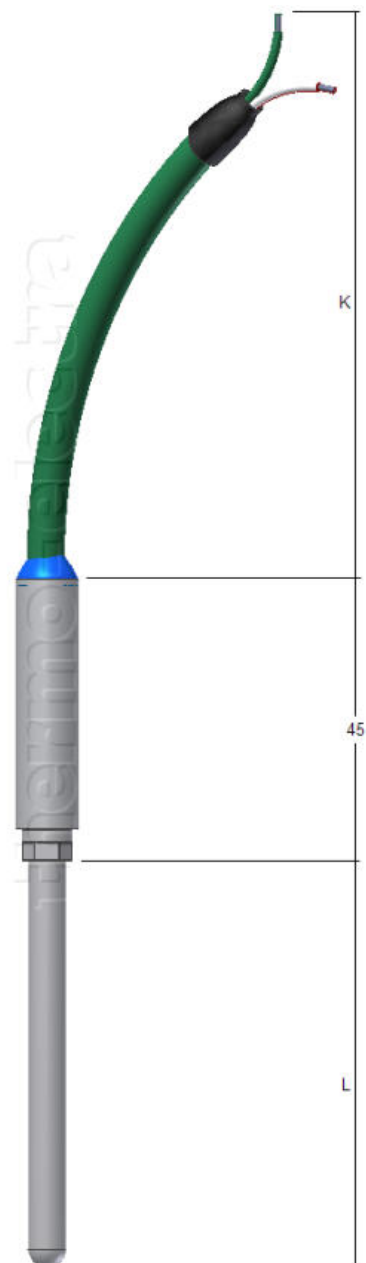
<b>Calibration</b>	K, T, J, E, N, R, S, B, U or L
<b>For duplex</b>	KK, TT, JJ, EE, NN, RR, SS, BB, UU or LL
<b>Accuracy</b>	According to 60584-1

**Lead wire**

<b>Type of cable</b>	PVC standard
<b>Option</b>	PUR, Silicon or PTFE insulated cable
<b>Cable length</b>	Customer to specify

**Datasheet notification**

This datasheet is purely indicative, build-up of model code may vary from this datasheet depending on chosen model or execution!

**Ordering code**

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Model	LEX50					
Thermocouple calibration						
Colourcode						
Diameter in mm						
Length "L" in mm						
Length "K" in mm						