

LEX55 Ex ec certified thermocouple for zone 2 and 22

Construction

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

Sheath

Construction	Mineral insulated (MgO)
Material	SS316 standard, other materials possible
Diameter	Customer to specify (0.25-12.7mm)
Length	Customer to specify
Hot junction	Isolated

Sealpot

Length	45mm
Diameter	To suit cable diameter

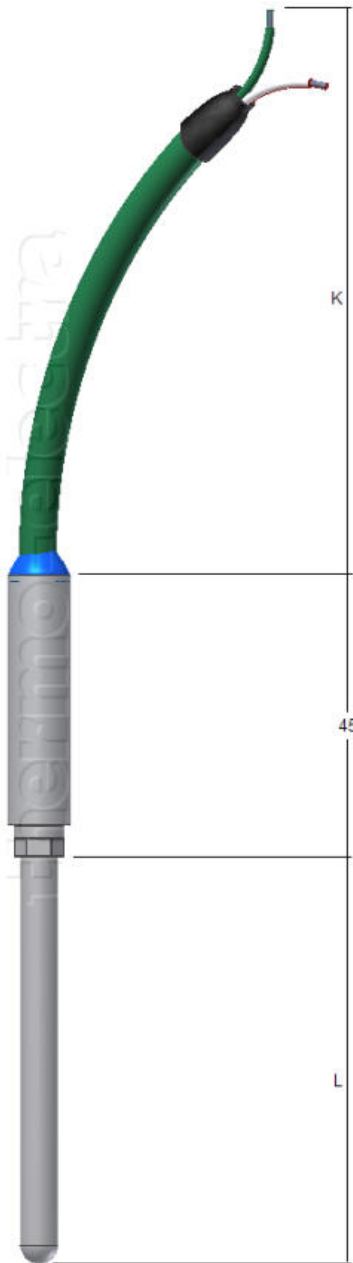
Thermocouple

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

Lead wire

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

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



Ordering code

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Model	LEX55					
Thermocouple calibration						
Colourcode						
Diameter in mm						
Length "L" in mm						
Length "K" in mm						