

LEX55 Ex ec certified RTD sensor 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

Sensor

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

Sealpot

Length	45mm
Diameter	To suit cable diameter

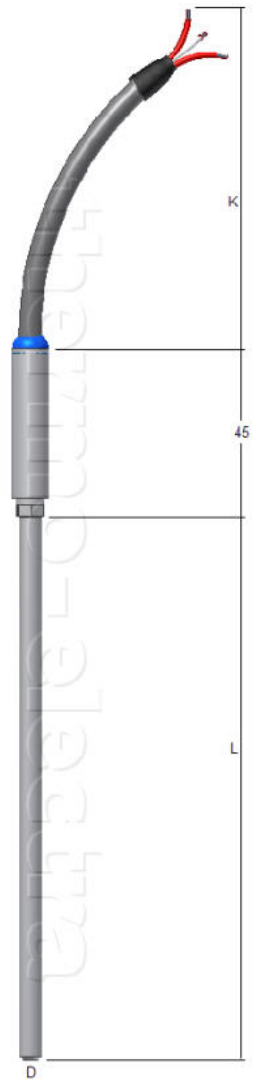
Connection cable

Insulation	PVC, PUR, Silicon or PTFE.Customer to specify
Cable length	Customer to specify
Options	(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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Model	LEX55				
Sensor (S or D)		↑			
Class B, A or AA			↑		
Length "L" in mm				↑	
Length "K" in mm					↑