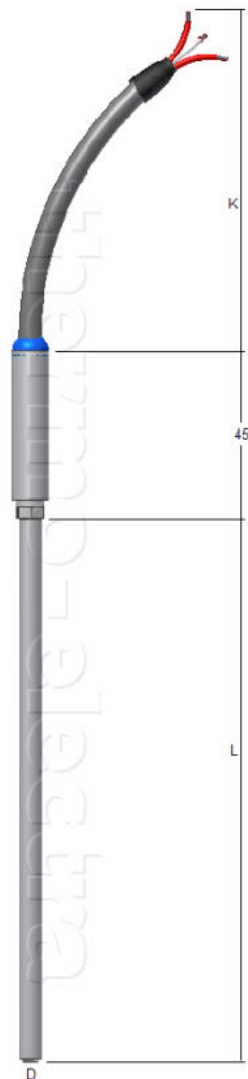


LEX55 Ex ec certified RTD sensor for zone 2 and 22

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

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

Model	LEX55			
Sensor (S or D)				
Class B, A or AA				
Length "L" in mm				
Length "K" in mm				