

# LEX30 Ex d certified resistance thermometer with transmitter for zone 1 and 2



## Construction

ATEX execution	II 2G Ex db IIC T6...T1 Gb
ATEX certificate	DEKRA 17ATEX0123 X
IECEX execution	Ex db IIC T6...T1 Gb
IECEX certificate	IECEX DEK 17.0046X
Suitable for zone	1 and 2
Ingress protection	IP66 / IEC529
Ambient temp. limits	-45°C...+80°C, this can be limited depending on the materials applied such as cables, connection heads, junction boxes and transmitters.

## Transmitter

Model and Type	To be specified
Ambient temp. limits	Depending on transmitter specs.

## Connection head

Material	Aluminium or Stainless steel 316
Cable entry	M20x1.5 standard, other threads possible. Two entries optional
Cover	Threaded with retaining chain
Fire Lock	At process side

## Measuring insert

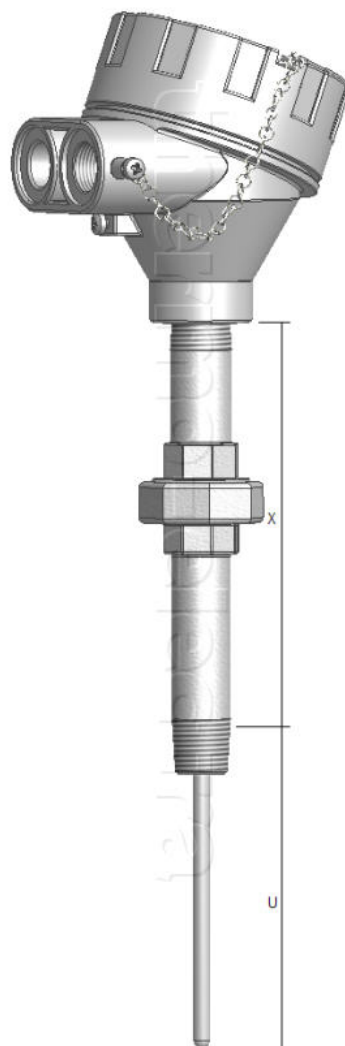
Construction	Springloaded and replaceable
Springaction	>10mm standard, >40mm optional
Diameter	6.0mm standard, other diameters possible
Type	Mineral insulated (MgO)

## Sensor

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

## Extension

Type	Nipple - union - nipple standard, other constructions possible
Material	Stainless Steel
Style / Connection	1/2" NPT standard, other threads possible
Length	150mm standard, other lengths possible



## Ordering code

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

Model	LEX30							To specify
Sensor S of D								
Connection 3- or 4-wire								
Class B, A or AA								
Diameter "D" in mm								
Length "U" in mm								
Length "X" in mm								
Transmitter model								

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