

**Construction**

|                            |  |
|----------------------------|--|
| <b>ATEX execution</b>      | II 3 G Ex nA IIC T6...T1 Gc  |
| <b>ATEX certificate</b>    | DEKRA 18ATEX0024 X   |
| <b>IECEX execution</b>     | Ex nA IIC T6...T1 Gc   |
| <b>IECEX certificate</b>   | IECEX DEK 17.0046X   |
| <b>Note</b>                | The nA version will change to Ex ce LEX55  |
| <b>Suitable for zone</b>   | 2 en 22  |
| <b>Ingress protection</b>  | IP65 / IEC529  |
| <b>Ambient temp. range</b> | -45°C...+80°C, this can be limited depending on the materials applied such as cables, connection heads, junction boxes and transmitters. |

**Connection head**

|                    |  |
|--------------------|--|
| <b>Model</b>       | DAN-AK (showed), other Ex certified connectionheads possible |
| <b>Material</b>    | Aluminium, Stainless Steel or Plastic                        |
| <b>Cable entry</b> | M20x1.5 standard, other threads possible                     |

**Measuring insert**

|                     |  |
|---------------------|--|
| <b>Construction</b> | Springloaded and replaceble              |
| <b>Springaction</b> | >10mm standard, >40mm optional           |
| <b>Diameter</b>     | 6.0mm standard, other diameters possible |
| <b>Type</b>         | Mineral insulated (MgO)                  |

**Thermocouple**

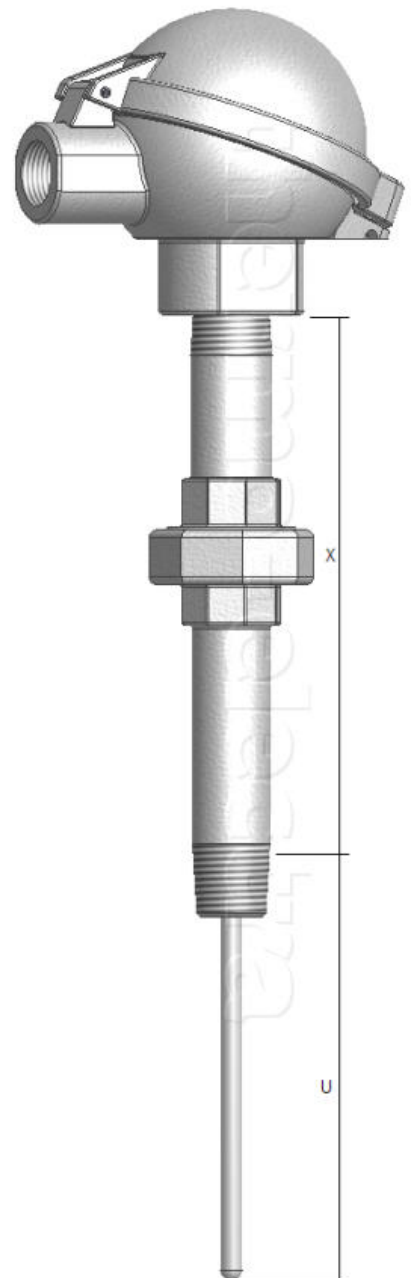
|                    |  |
|--------------------|--|
| <b>Calibration</b> | K, T, J, E, R, S, B, U, N or L           |
| <b>For duplex</b>  | KK, TT, JJ, EE, RR, SS, BB, UU, NN or LL |
| <b>Accuracy</b>    | According to IEC 60584-1                 |

**Extension**

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

**Datasheet notification**

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                    | LEX45 |  |  |  |  |  |
| Thermocouple calibration |       |  |  |  |  |  |
| Colourcode               |       |  |  |  |  |  |
| Diameter "D" in mm       |       |  |  |  |  |  |
| Length "U" in mm         |       |  |  |  |  |  |
| Length "X" in mm         |       |  |  |  |  |  |