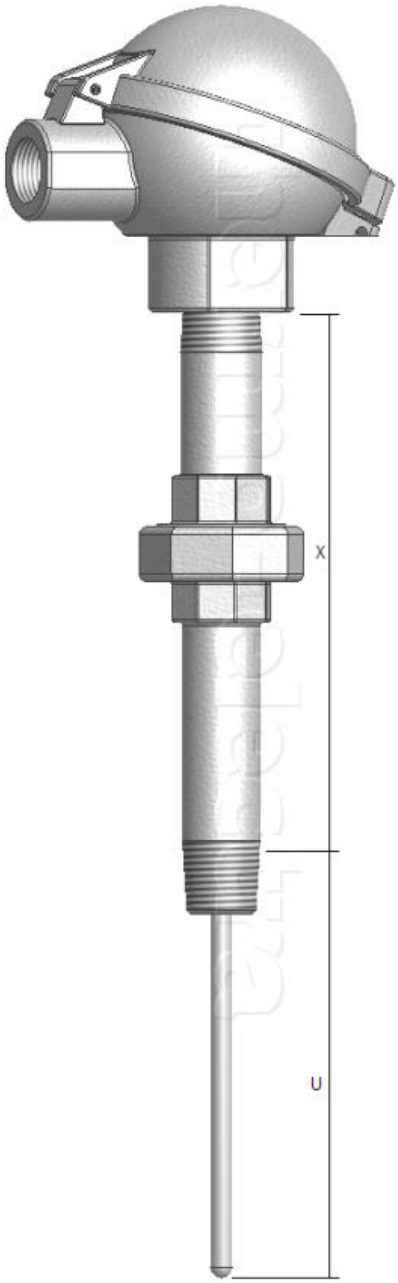
# LEX55 Ex ec certified thermocouple with transmitter for zone 2 and 22




| | |
|---|---|
| **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. |
| **Connection head** | |
| **Model** | DAN-AK (showed), other Ex certified connectionheads possible |
| **Material** | Aluminium, Stainless Steel or Plastic |
| **Cable entry** | M20x1.5 standard, other threads possible |
| **Transmitter** | |
| **Model** | Select from our standard range or specify your standardized brand |
| **Range and model** | To specify |
| **Head mounted** | Standard mounted on insert, replaces the terminal block |
| **Alternative mounting** | Mounted in the cover of the head |
| **Sensor** | |
| **Construction** | Springloaded and replaceable |
| **Type** | Mineral insulated (MgO) |
| **Diameter** | 6.0mm standard, other diameters possible |
| **Thermocouple** | |
| **Calibration** | K, T, J, E, R, S, B, U, N or L |
| **For duplex** | KK, TT, JJ, EE, RR, SS, BB, UU, NN or LL |
| **Accuracy** | According to IEC 60584-1 |
| **Extension** | |
| **Type** | Nipple - union - nipple standard, other constructions possible |
| **Material** | Stainless Steel |
| **Style / Connection** | 1/2"NPT |
| **Length** | 150mm standard, other lengths possible |
| **Springaction** | >10mm standard, >40mm optional |
| **Datasheet notification** | |
| | 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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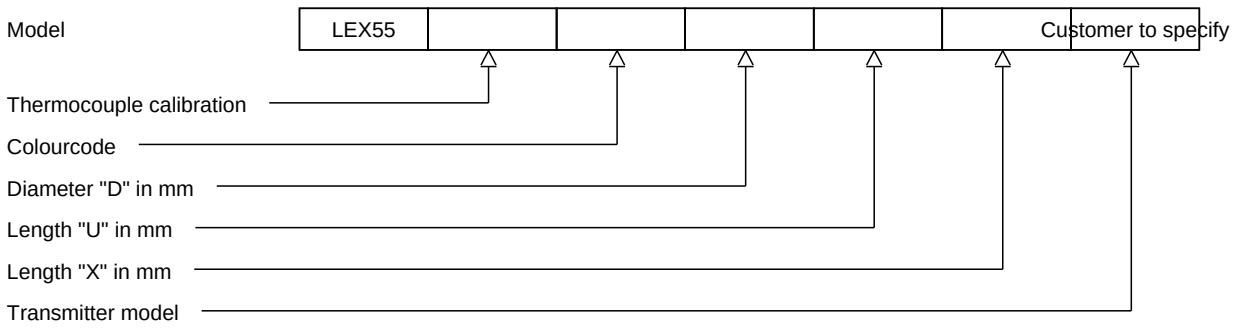


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