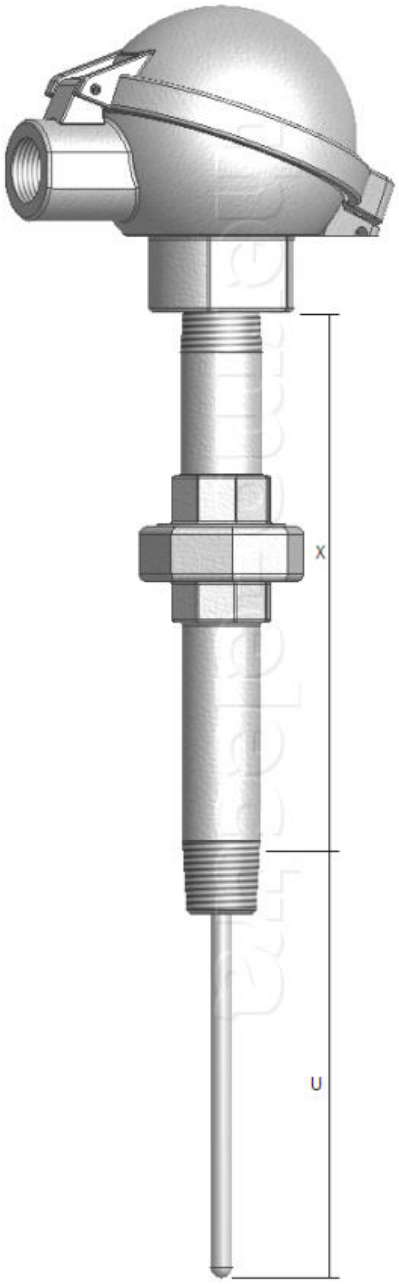
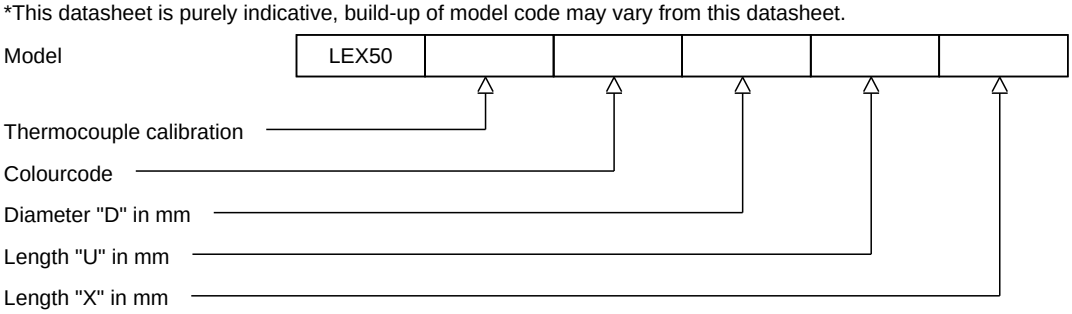
# LEX50 Ex ta/tb certified thermocouple for zone 1, 2 and 20, 21, 22




| | |
|---|---|
| **Construction** | |
| **ATEX execution** | II 1 D Ex ta IIIC T85°C...T300°C Da |
| | II 1/2 D Ex ta/tb IIIC T85°C...T300°C Da/Db |
| | II 2 D Ex tb IIIC T85°C...T300°C Db |
| **ATEX certificate** | DEKRA 17ATEX0123 X |
| **IECEx execution** | Ex ta IIIC T85°C...T300°C Da |
| | Ex ta/tb IIIC T85°C...T300°C Da/Db |
| | Ex tb IIIC T85°C...T300°C Db |
| **IECEx certificate** | IECEx DEK 17.0046X |
| **Suitable for zone** | 1, 2 and 20, 21, 22 |
| **Ingress protection** | IP65 / IEC529 |
| **Ambient temp. range** | -40°C...+75°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 ia/ib certified connectionheads possible |
| **Material** | Aluminium, plastic or stainless steel |
| **Cable entry** | M20x1.5 standard, other threads possible |
| **Measuring insert** | |
| **Construction** | Springloaded and replaceable |
| **Springaction** | >10mm standard, >40mm optional |
| **Diameter** | 6.0mm standard, other diameters possible |
| **Type** | Mineral insulated (MgO) |
| **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 standard, other threads possible |
| **Length** | 150mm standard, other lengths possible |
| **Datasheet notification** | |
| | This datasheet is purely indicative, build-up of model code may vary from this datasheet depending on chosen model or execution! |

## Ordering code

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




thermo-electra
temperature sensor solutions

Thermo Electra B.V.
Weteringweg 10
2641KM Pijnacker
The Netherlands

Phone +31 (0)15 - 3621200
Fax +31 (0)15 - 3694082
Email sales@thermo.nl
http://www.thermo-electra.com