

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

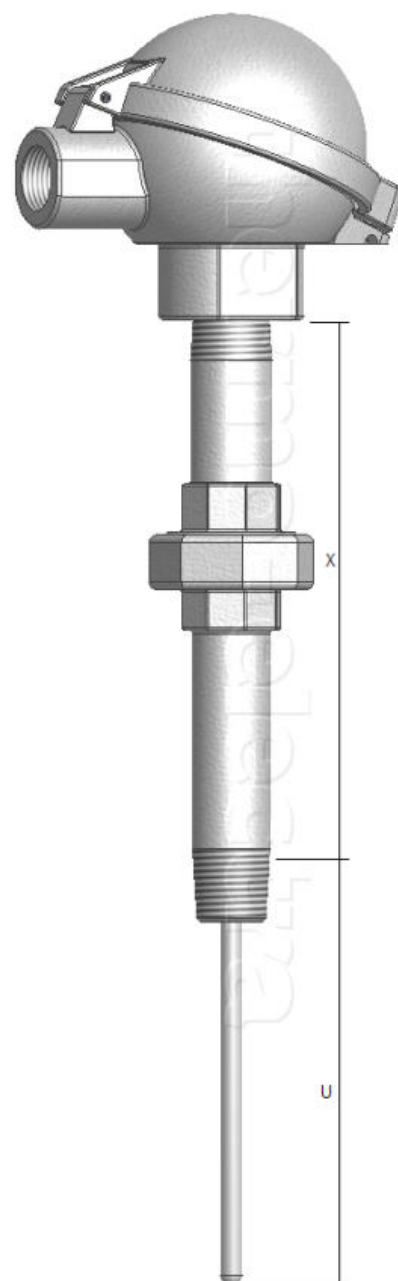
| | |
|--------------------|--|
| Calibration | K, T, J, E, R, S, B, U, N or L |
| For duplex | KK, TT, JJ, EE, RR, SS, BB, UU, NN or LL |
| Accuracy | According to IEC 60584-1 |

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.

| | | | | | | |
|--------------------------|-------|--|--|--|--|--|
| Model | LEX50 | | | | | |
| Thermocouple calibration | | | | | | |
| Colourcode | | | | | | |
| Diameter "D" in mm | | | | | | |
| Length "U" in mm | | | | | | |
| Length "X" in mm | | | | | | |