

# LEX15 Ex e certified resistance thermometer with connectionhead for zone 1 and 2

### Construction

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| ATEX execution      | II 2 G Ex eb IIC T6...T1 Gb                                                                                           |
| ATEX certificate    | DEKRA 17ATEX0123 X                                                                                                    |
| IECEX execution     | Ex eb IIC T6...T1 Gb                                                                                                  |
| IECEX certificate   | IECEX DEK 17.0046X                                                                                                    |
| Suitable for zone   | 1 and 2                                                                                                               |
| Ingress protection  | IP65 / IEC529                                                                                                         |
| Ambient temp. range | -45°C...+80°C, this can be limited depending on the materials applied such as cable, connection head or junction box. |

### Connection head

|             |                                                      |
|-------------|------------------------------------------------------|
| Model       | DAN-AK (showed), other Ex e certified heads possible |
| Material    | Aluminium, plastic or stainless steel                |
| Cable entry | M20x1.5 standard, other threads possible             |

### Measuring insert

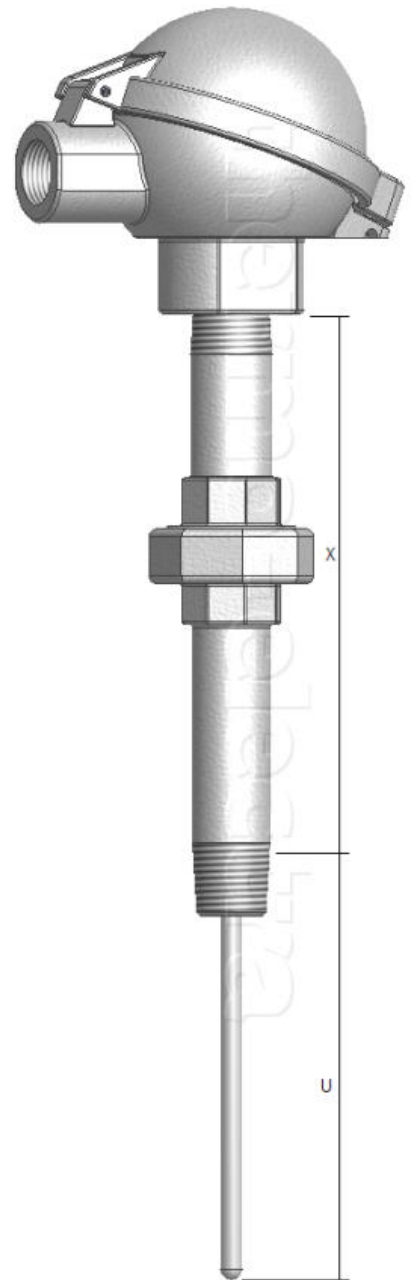
|               |                                          |
|---------------|------------------------------------------|
| Construction  | Springloaded and replaceable             |
| Spring action | >10mm standard, >40mm optional           |
| Diameter      | 6.0mm standard, other diameters possible |
| 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                   | LEX15 |  |  |  |  |  |  |
| Sensor S or D           |       |  |  |  |  |  |  |
| Connection 3- or 4-wire |       |  |  |  |  |  |  |
| Class B, A or AA        |       |  |  |  |  |  |  |
| Diameter "D" in mm      |       |  |  |  |  |  |  |
| Length "U" in mm        |       |  |  |  |  |  |  |
| Length "X" in mm        |       |  |  |  |  |  |  |

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