



# LEX15B Explosion Proof Thermocouple



## Construction

|                     |                                 |
|---------------------|---------------------------------|
|                     | According EN 50014 and EN 50019 |
| <u>Ex execution</u> | II 2G Eex e II T6               |
| Certificate         | KEMA 02ATEX2237 X               |
| Suitable for zone   | 1 and 2                         |
| Ingress protection  | IP65 / IEC529                   |
| Ambient temp. range | -40°C....+80°C                  |

## Connection head

|             |                                     |
|-------------|-------------------------------------|
| Model       | CE with threaded cover              |
| Material    | Cast aluminium epoxy coated         |
| Cable entry | M20 x 1,5<br>Other entries possible |

## Sensing element

|              |                                    |
|--------------|------------------------------------|
| Construction | Replaceable springloaded           |
| Option B     | Spring action > 10 mm ( standard ) |
| Option B1    | Spring action > 40 mm              |
| Diameter     | 6 mm                               |
| Type         | Mineral insulated                  |

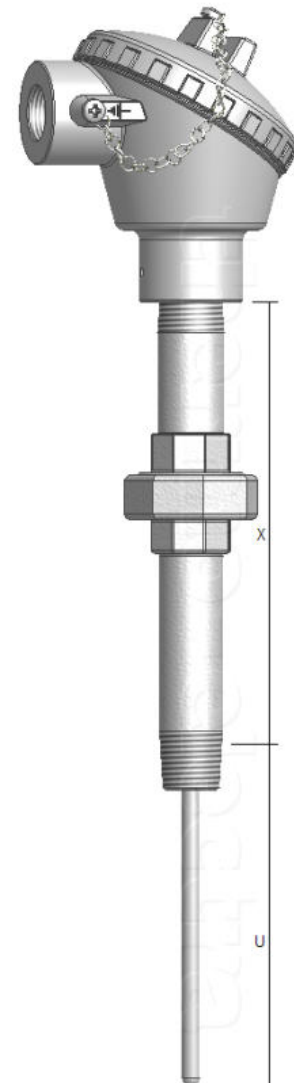
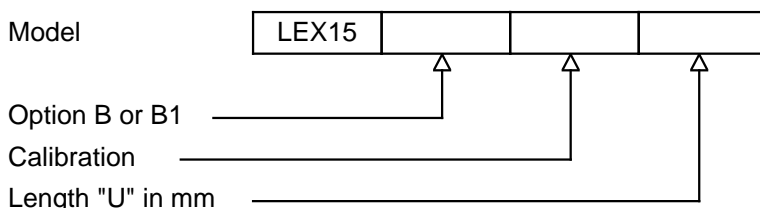
## Element

|             |  |
|-------------|--|
| Calibration | K, T, J, E, N, R, S, B, U or L           |
| For Duplex  | KK, TT, JJ, EE, NN, RR, SS, BB, UU or LL |
| Accuracy    | According IEC 584                        |

## Extension

|            |  |
|------------|--|
| Type       | Nipple - union - nipple                  |
| Material   | Stainless Steel 316                      |
| Connection | 1/2" NPT male thread                     |
| Length "X" | 150 mm standard<br>Other length possible |

## Ordering code



H3-1 Rev.0 7/07



**thermo - electra**  
measurement and control technics

PO BOX 73  
2640 AB Pijnacker  
The Netherlands

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