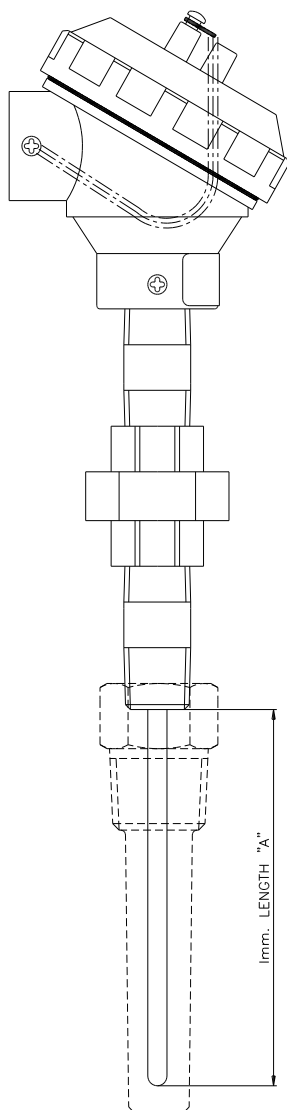


# HAZARDOUS AREA SENSOR IECEx

## Industrial temperature sensors Ex eb approved



### Specifications:



Series	XPS-10.000
<b>CONNECTION HEAD</b>	
Type	weatherproof with screw on cover
Material	cast-aluminium
Conduit entry thread	3/4" NPT (standard), 1/2" NPT, M20x1,5
<b>EXTENSION</b>	
Type	nipple-union-nipple
Material	stainless steel
Length	approx. 160 mm; other lengths optional
Process connection	1/2" NPT, male thread
<b>INSERT</b>	
Type	approved thermocouple or resistance insert A/101r
Insertion length below nipple	to be specified; replace box behind ordering code
Insert length	A + 216 mm
<b>THERMOWELL</b>	
Type	any type of thermowell to be specified
<b>APPROVAL</b>	
Classification	XPS1 : Ex eb IIC T6...T1 Gb
Certificate number	IECEx DEK 11.0002X
Protection category	'eb' increased safety,
Temperature class	T6...T1
Applicable standards	IEC 60079-0:2017, IEC 60079-7: 2017 Also available ATEX, CSA/us, and KTL

Inserts only see page A/101r  
The cable gland shall be a certified model and is not part of the approval

### Ordering code:

#### CAST-ALUMINIUM HEAD

Probe type	Single	Duplex
J 4,8 mm	XPS-15101- J -□ mm	XPS-16101- J -□ mm
K 4,8 mm	XPS-15101- K -□ mm	XPS-16101- K -□ mm
T 4,8 mm	XPS-15101- T -□ mm	XPS-16101- T -□ mm
N 4,8 mm	XPS-15101- N -□ mm	XPS-16101- N -□ mm
Pt 100 6,0 mm	XPS-15101- Pt100-□ mm	XPS-16101- Pt100-□ mm

□ = immersion length 'A' in mm (to be specified)