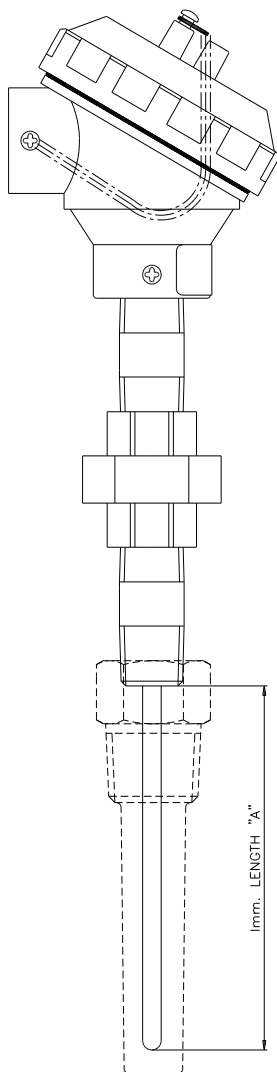


# HAZARDOUS AREA SENSOR ATEX

## Industrial temperature sensors Exia/Exib approved



### Specifications:

Series : XPS-20.000

#### CONNECTION HEAD

Type weatherproof with screw on cover  
 Material cast-aluminium  
 Conduit entry thread 3/4" NPT (standard), 1/2" NPT, M20x1,5

#### EXTENSION

Type nipple-union-nipple  
 Material stainless steel  
 Length approx. 160 mm; other lengths optional  
 Process connection 1/2" NPT, male thread

#### INSERT

Type approved thermocouple or resistance insert A/102r  
 Insertion length below nipple to be specified; replace box behind ordering code  
 Insert length A + 216 mm

#### THERMOWELL

Type any type of thermowell to be specified

#### APPROVAL

Classification XPS2 : Ex ia IIC T6...T1 Gb or  
 Ex ib IIC T6...T1  
 Certificate number 03ATEX1245 X  
 Protection category 'ia' intrinsic safety, category a,  
 Explosion group II 2 G  
 Temperature class T6...T1  
 Applicable standards EN IEC 60079-0: 2018,  
 EN 60069-11: 2012

Also available IECEx, KTL and CSA/US

Inserts only see page A/102r  
 The cable gland shall be a certified model and is not part of the approval

### Ordering code:

Probe type	CAST-ALUMINIUM HEAD			
	Single		Duplex	
J 4,8 mm	XPS-25101-	J -□ mm	XPS-26101-	J -□ mm
K 4,8 mm	XPS-25101-	K -□ mm	XPS-26101-	K -□ mm
T 4,8 mm	XPS-25101-	T -□ mm	XPS-26101-	T -□ mm
N 4,8 mm	XPS-25101-	N -□ mm	XPS-26101-	N -□ mm
Pt 100 6,0 mm	XPS-25101-	Pt100-□ mm	XPS-26101-	Pt100-□ mm

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