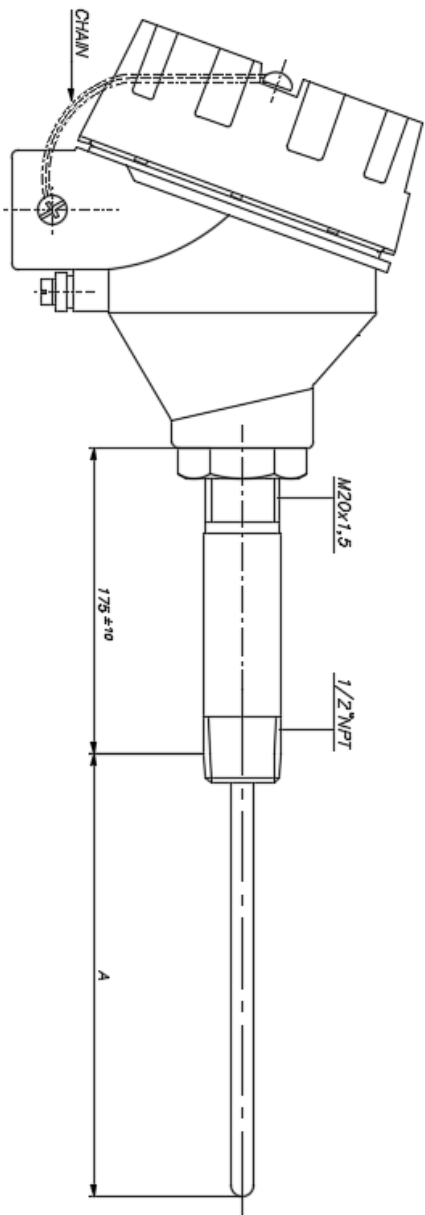


HAZARDOUS AREA SENSOR IECEx

Industrial temperature sensors Ex db approved



Specifications:

Series:	XPS-30.000
<u>CONNECTION HEAD</u>	
Type	weatherproof with screw on cover
Material	cast-aluminium (SS up on request)
Max. amb. temperature	80 °C
Conduit entry thread	3/4" NPT, 1/2" NPT, M20x1,5
<u>EXTENSION</u>	
Type	adjustable nipple with locknut
Material	Stainless steel
Length	approx. 175 mm; other lengths optional
Process connection	1/2" NPT, male thread
<u>INSERT</u>	
Type	approved thermocouple or resistance insert (see A103r)
Insertion length below nipple	to be specified; replace box behind ordering code
Insert length	A + 221 mm
<u>THERMOWELL</u>	
Type	any type of thermowell; to be specified separately
<u>APPROVAL</u>	
Classification	XPS 3 : II 2G Ex db IIC T6...T1 Gb
Certificate number	IECEx DEK 11.0002X
Protection category	'db' flame proof enclosure
Explosion group	II 2 G
Temperature class	T6...T1
Applicable standards	IEC-60079-0: 2017 IEC-60079-1:2014-06

Also available in ATEX, CSA/US, and KTL

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-35103-	J -□ mm	XPS-36103-	J -□ mm
K 4,8 mm	XPS-35103-	K -□ mm	XPS-36103-	K -□ mm
T 4,8 mm	XPS-35103-	T -□ mm	XPS-36103-	T -□ mm
N 4,8 mm	XPS-35103-	N -□ mm	XPS-36103-	N -□ mm
Pt 100 6,0 mm	XPS-35103-	Pt100-□ mm	XPS-36103-	Pt100 -□ mm

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