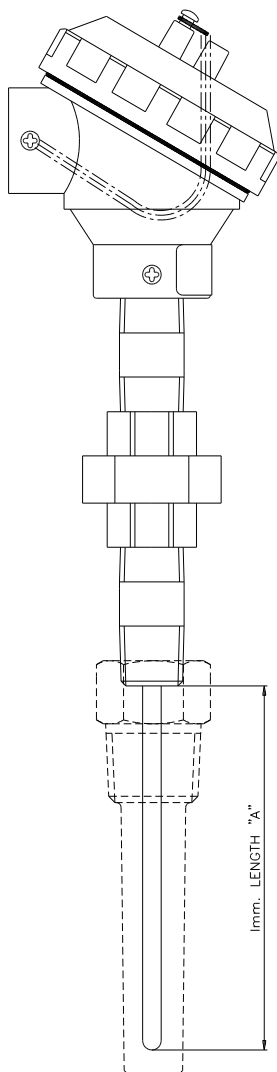


HAZARDOUS AREA SENSOR CSA/US

Industrial temperature sensors (A)Exia/(A)Exib approved^c



Specifications:



| | |
|-------------------------------|--|
| Series | XPS-20.000 |
| <u>CONNECTION HEAD</u> | |
| Type | weatherproof with screw on cover |
| Material | cast-aluminium |
| Conduit entry thread | 3/4" NPT (standard), 1/2" NPT, M20x1,5 |
| <u>EXTENSION</u> | |
| Type | nipple-union-nipple |
| Material | stainless steel |
| Length | approx. 160 mm; other lengths optional |
| Process connection | 1/2" NPT, male thread |
| <u>INSERT</u> | |
| 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 |
| <u>THERMOWELL</u> | |
| Type | any type of thermowell to be specified |
| <u>APPROVAL</u> | |
| Classification | Class I, Zone 1, Ex ia IIC T6...T1 / Ex ib IIC T6...T1 AEx ia IIC T6...T1 / AEx ib IIC T6...T1 |
| Certificate number | 2462384 |
| Protection category | 'ia' intrinsic safety, category a |
| Explosion group | II |
| Temperature class | T6-T1 |
| Applicable standards | CAN/CSA-E60079-11-02 (R2006) ANSI/ISA-60079-11 (2011) CAN/CSA E60079-15-02 (R2006) ANSI/ISA-60079-15 (2009) UL Standard 61010-1 2 nd edition, CAN/CSA-C22.2 No.61010-1-04 |

Also available ATEX, IECEx, and KTL

Inserts only see page A/102r

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-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)