EN
Operating Instructions BRILEX Rupture Sensor Type: SE / SE-HT

Connetion:

Installation must be carried out in accordance with EN 60079-14.
For instance, the rupture sensor must be connected to an approved isolating amplifier:

Maximum values for the rupture sensor:

$U_i \leq 40V$

$I_i \leq 57mA$

L_i, C_i negligible

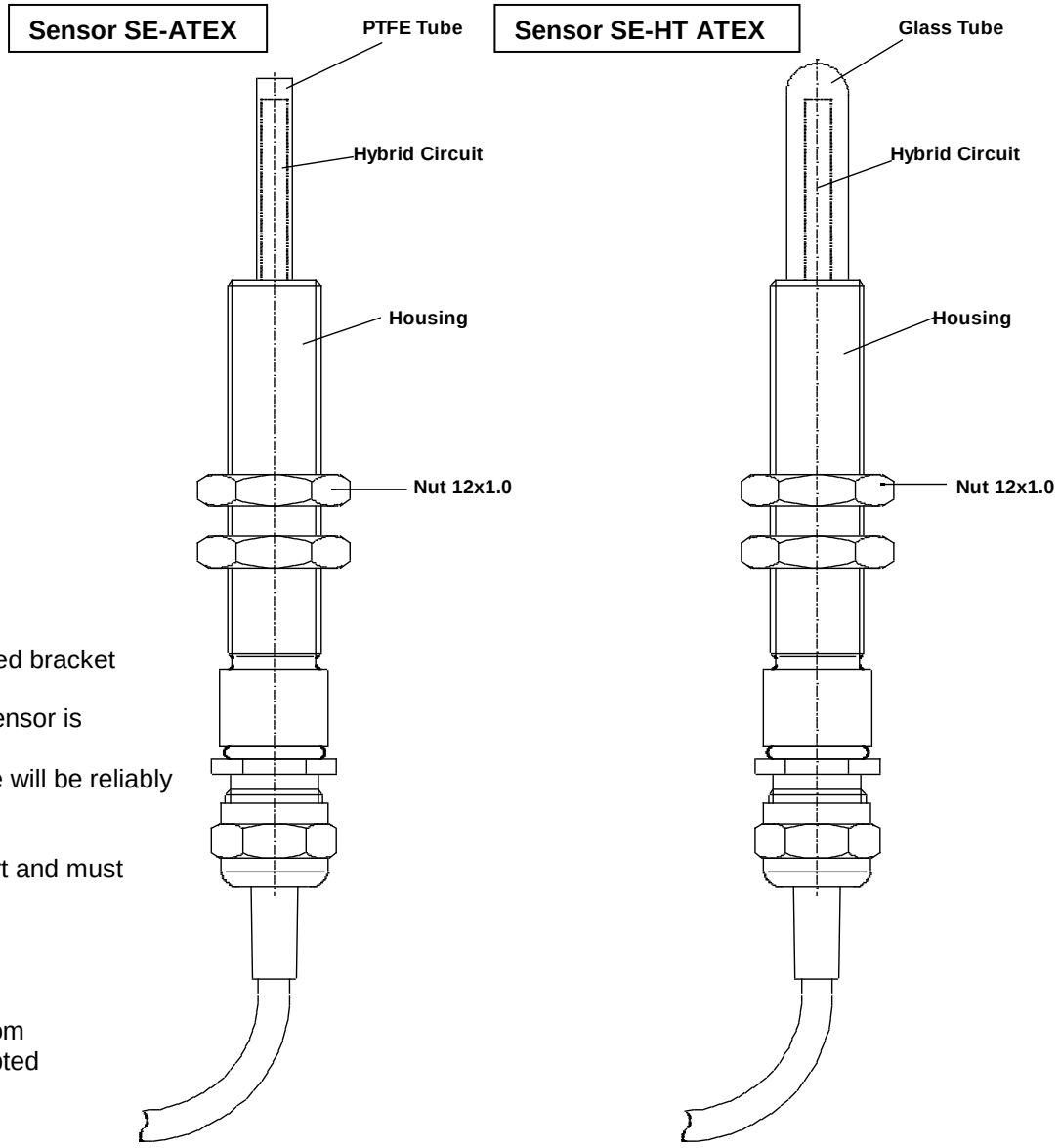
Approval:

II 2G Ex ib IIC T6 (Gb)

II 2D Ex ib IIIC T 80°C IP65 (Db) –25°C δ T_a δ +80°C

IBExU11ATEX1017

EN 60079-0:2009
EN 60079-11:2007



Installation instructions:

The rupture sensor must be fitted near the explosion vent's type plate using the included bracket and the fastening nuts. Please refer to the general drawing.
The fastening nuts' tightening torque of max. 10Nm may **not** be exceeded when the sensor is fitted!
During installation, the sensor must be fitted in such a way that the glass or PTFE tube will be reliably destroyed should the explosion vent trigger.

ATTENTION: The protective cap has only been provided as protection during transport and must be carefully removed at the latest during assembly by turning it to the left.

Function description:

A bridge (0 ohm max. 10 ohm) has been printed on the hybrid switch that protrudes from the housing and that is protected by the glass or PTFE tube; this bridge will be interrupted when the explosion vent ruptures and so will transmit a continuous signal to indicate a malfunction (power circuit interruption).

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Attention!

Please handle the sensor with care! The SE sensors are individually checked prior to despatch.