



**BUREAU
VERITAS**

(13)

Annexe

(14) **EC-Certificate of Conformity EPS 10 ATEX 1 252 X**

(15) Description of equipment:

The SB2I is a pressure die cast aluminium sensor housing (IP65) with two integrated sensors for measuring inclinations and/or accelerations along two axis. As well as the sensors, the box contains two independent signal conditioners, each with a 4-20mA 2-wire output, and two separate, highly stable voltage supply feeding off the corresponding current loop, one for each sensor.

Electrical data:

The sensor type of protection „n“ can be operated without a isolator in Zone 2.

Maximum values:

U_{max} = 30Vdc
I_{max} = 78mA

(16) Test report: 097...31

(17) Special conditions for use:

The permissible ambient temperature range is from -40°C to +85°C.

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Türkheim, November 28, 2013



D. Zitzmann