

Function: Transmitter Ex d with ATEX/IECEX certificate for use with WEKA VLI for media temperature $\leq 150^{\circ}\text{C}$

The transmitter is mounted outside of the float chamber opposite to the indication rail (see datasheet 20010501).

The magnet inside the float activates the reed switches in the transmitter, depending on the level of liquid in the float chamber, thereby changing the effective value of a resistance network. The resulting voltage output is converted by an internal electronic circuit to a 4...20mA signal.

If the liquid level rises above the measuring range of the transmitter the output signal jumps to 115% and remains on that limit.

This transmitter is compatible with Zones 1, 2, 21 and 22 for gas groups IIA, IIB, IIC, IIIA, IIIB and IIIC.

The metal housing of the transmitter must be connected to protection ground.

Certificate

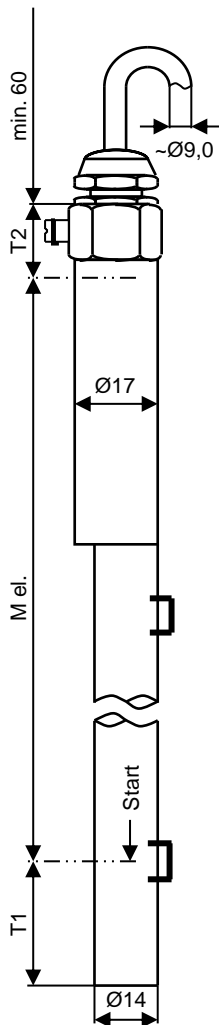


II 2 G Ex db IIC T6 Gb
II 2 D Ex tb IIIC T85°C Db

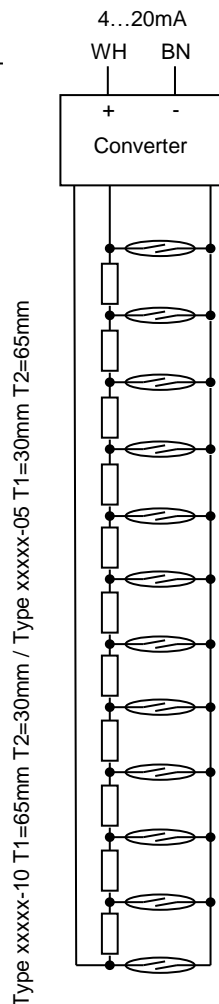
SEV 17 ATEX 0104
IECEX SEV 17.0001

Temperature class resp. max. surface temperature refers to below mentioned table.

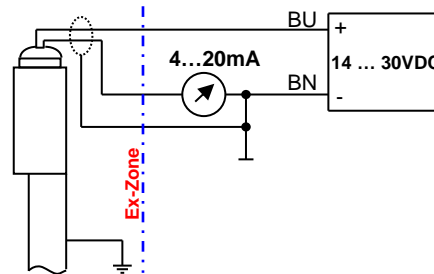
Dimensions



Internal circuit



External electrical connections



Product code:
[For details see page 2](#)

32608-ND-10 10mm resolution
32608-ND-05 5mm resolution
M el. = Measuring length in mm

Resolution
Transmitter tube dia.
Measuring length "M el."

32608-ND-10 10mm
32608-ND-05 5mm
Ø 14 / 10 Ø 17 / 14
200mm (min.) ... 4000mm (max.)

Supply voltage
14VDC ... 30VDC

Operating temperatures

Media temperature	Ambient temperature	Temperature class
-50°C...+150°C	-50°C...+50°C	T4 / T105°C
-50°C...+135°C	-50°C...+50°C	T4 / T100°C
-50°C...+100°C	-50°C...+50°C	T5 / T95°C
-50°C...+85°C	-50°C...+50°C	T6 / T85°C

Enclosure

IP66 & IP68 - 10bar (EN60529)

