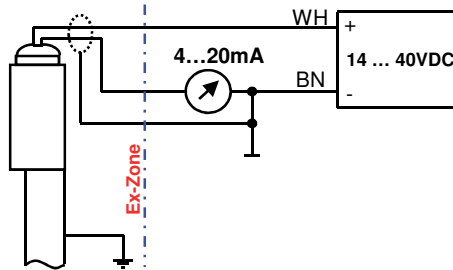


**External electrical connections**

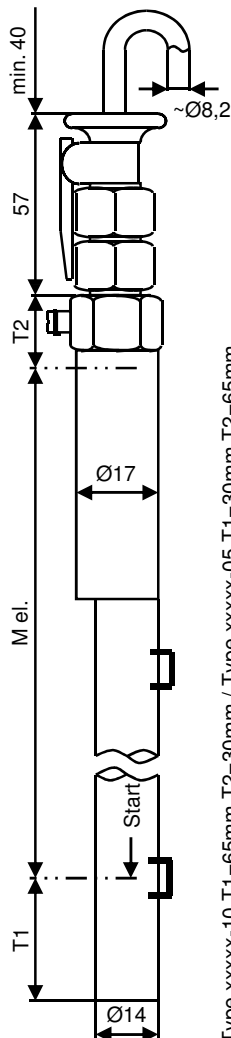


**Description**

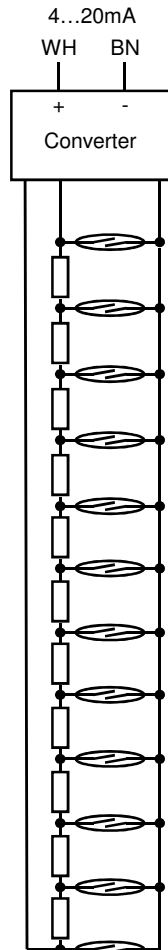
**Flameproof enclosures Transmitter, 4...20mA current output with ATEX certificate for use with WEKA Visual Level Indicators media temperature ≤ 150 °C**

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 (30 mm) the output signal jumps to 115% (ca. 22,5mA) and remains on that limit. This transmitter is compatible with Zones 1 and 2, gas groups IIA, IIB, and IIC, and temperature classes T1 to T6. The metal housing of the transmitter must be connected to protection ground. ATEX 0191X = special conditions: Ambient temperature must be limited to a maximum of +50°C.

**Dimensions**



**Internal circuit**



Type xxxxx-10 T1=30mm T2=65mm / Type xxxxx-05 T1=30mm T2=65mm

**Product code:**

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

**Resolution**

**32608-ND-10**      **32608-ND-05**  
10mm                      5mm

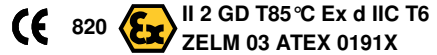
**Transmitter tube dia.**

Ø 14 / 10                      Ø 17 / 14

**Measuring length "M el."**

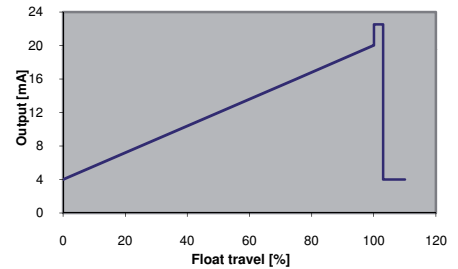
min. 200mm ... max. 4000mm

**Certificate**



**Signal output**

4...20mA current loop



**Electrical limit values**

U nominal = 24VDC  
U maximal = 40VDC  
I nominal = 4...20mA  
I maximal = 23mA

**Operating temperature**

Media temperature                      -50 °C ... +150 °C  
Ambient temperature (Ta)              -20 °C ... +50 °C  
Surface temperature                      T6 (max. 85 °C)

**Enclosure**

**Materials**

Housing tube  
Cable gland  
- Seal  
Cable (Standard 5m)

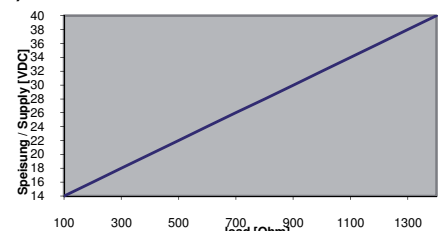
IP68 - 10bar (EN60529)

Stainless steel 316 / 316L  
Brass: nickel plated, PTB 00 ATEX 1059  
Perbunan (NBR)  
PVC: grey, 2 x 0.75mm<sup>2</sup>, Ø ~8,2mm, shielded, largely resistant to oils/petroleum products  
Polyester: silver, black printing

**Type label**

**Output load (including cables)**

max. 100Ω at 14VDC  
max. 1.4kΩ at 40VDC



**Fixation**

When ordering level indicators with transmitters, hose clamps are included.  
When ordering transmitters as spare parts, hose clamps are never included and must be ordered separately.  
In case of ordering hose clamps pipe size must be indicated:

|                   |                         |          |       |
|-------------------|-------------------------|----------|-------|
| For pipe diameter | 30...40mm               | Part no. | 80648 |
| For pipe diameter | 40...57mm and 57...80mm | Part no. | 84043 |

Edition: 10/2015. Technical specifications are for information only and may change without notice.