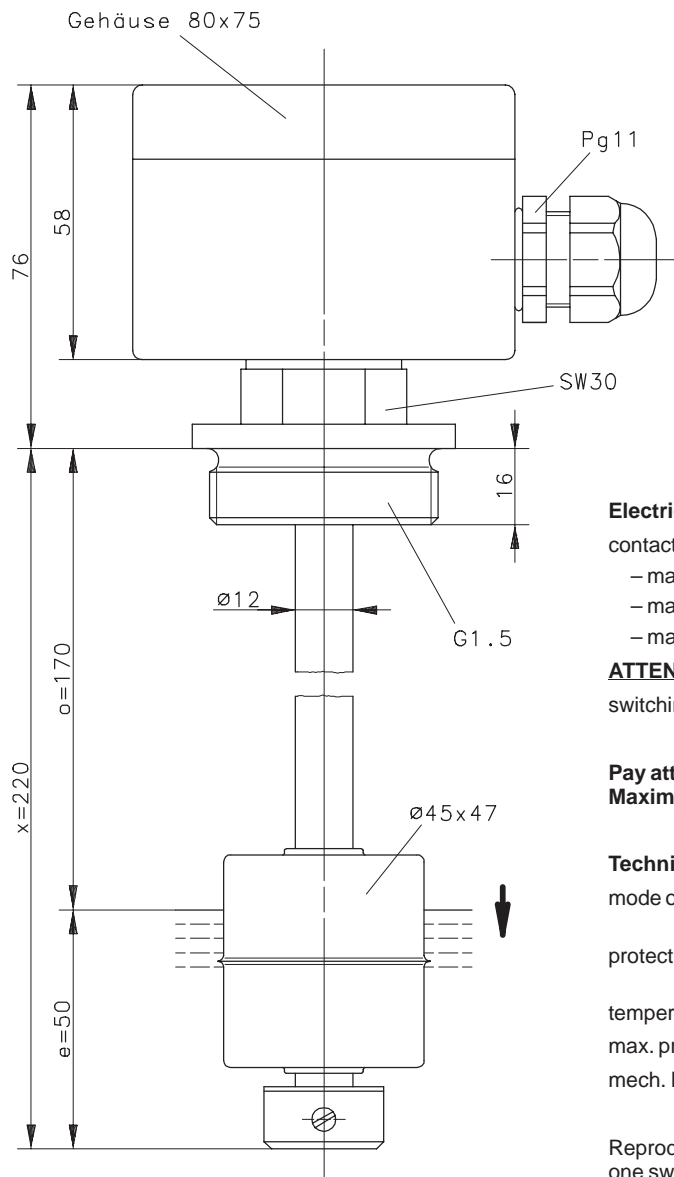


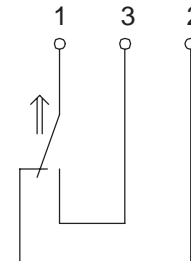
EEx ia IIC T6

PTB-Nr.: EX-87.B.2082



Wiring diagram

(matching to the drawing)



Electrical Data (maximum data) :

contact

- max. voltage : 24 V
- max. switching current : 0.5 A
- max. switching capacity : 30 VA

ATTENTION : Only install in certified, intrinsically safe electric circuits.

switching function : change-over contact, falling level

Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded !

Technical Data :

- mode of connection : connecting block inside the terminal box; cable gland Pg11
- protection type : IP 65 acc. to DIN VDE 0470 T1 (IEC 529 / EN 60529)
- temperature range : T6 (is equivalent to 80°C)
- max. pressure : 15 bar
- mech. lifetime : 10⁷ to 10⁹ switches depending on the load

Reproducibility is ±0.05mm under same geometrical conditions according to one switch device.

ATTENTION :

The measures of the switching points are related to a fluid-tight of 1 g/cm³

The tolerance of the switching points are ±2 mm

Mechanical Data :

- terminal box material : GD-AlSi12(3.2581.05)
- tankscrewing material : X 6 CrNiMoTi 17 12 2 (1.4571)
- switching tube material : X 6 CrNiMoTi 17 12 2 (1.4571)
- float material : X 6 CrNiMoTi 17 12 2 (1.4571)
- tightness : about 0.7 g/cm³ ±10%
- depth of immersion : 32 mm ±2 mm (to a fluid-tight of 1 g/cm³)
- guard ring material : X 6 CrNiMoTi 17 12 2 (1.4571)
- impact-damping-devicemat. : PTFE

created 16.02.2001 Häßler
checked 16.02.2001 Limbach

This copy will not be amended or withdraw when technical changes are necessary.