

# level measurement

## level evaluation module PC 3

### features

- level evaluation module for assembly in connection heads
- conductive measuring methods
- measuring areas adjustable jumper
- module completely sealed
- direct connection to PLC
- full/empty announcement changeable by Jumper

### technical specifications

- housing made of PA6.6
- temperature range -10...80°C
- auxiliary supply 15...35VDC, max. 70mA
- electrode voltage 2VAC, 500Hz
- measuring ranges 0,1K, 1K, 10K, 100K
- output active commensurate to auxiliary voltage
- output max. 50mA
- switching deceleration approx. 0,5s
- dimensions 44mm(D)x22mm incl. clamps



PC 3

### setting-up advices

#### adjustment of sensibility

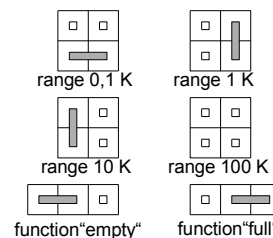
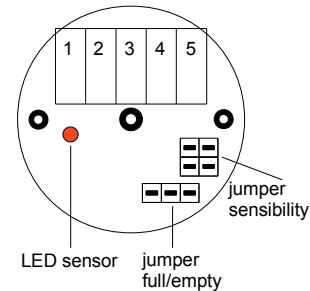
1. cover probe with medium to be measured
2. put jumper „sensibility“ to position 0,1k
3. if LED „probe“ doesn't light, please choose censecutiveley 1k, 10k, 100k till LED „probe“ lights

#### adjustment of full-/empty announcement

Attention!!! there has always to be put a jumper for one function  
 Function „full“: electrode is covered = output active  
 Function „empty“: electrode is free = output active

#### connection

- 1 = earth (probe)
- 2 = electrode (probe)
- 3 = active output (24VDC)
- 4 = + auxiliary supply (15...35VDC)
- 5 = - auxiliary supply



order-code PC3

order example: PC3

updated 01/2018