

level measurement

level evaluation module PC 4

features

- level evaluation module for assembly in connection heads
- conductive measuring methods
- measuring areas adjustable by digital control input
- module completely sealed
- direct connection to PLC
- full/empty announcement changeable by pole change

technical specifications

- housing made of PA6.6
- temperature range -10...80°C
- auxiliary supply 8...35VDC, max. 50mA
- electrode voltage 2VAC, 500Hz
- measuring areas 1K, 5K, 20K
- output active commensurate to auxiliary supply
- output max. 30mA
- switching deceleration approx. 0,5s
- dimensions 44mm(D)x22mm incl. clamps



PC4

setting-up advices

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1. cover probe with medium to be measures
2. put control input „sensitivity“ to position 1k schalten
3. if LED „output“ doesn't light, please choose censecutively 5k, 20k till LED „output“ lights

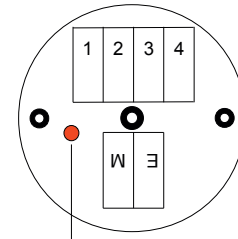
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the change over of function full-/empty announcement is carried out by pole change of supply voltage.
 KL1+, KL2- function „full“: electrode is covered = output active
 KL1-, KL2+ function „empty“: electrode is free = output active

psj j dpi sj

- 1 = supply voltage
- 2 = supply voltage
- 3 = active output (24VDC)
- 4 = control input sensibility

M = earth connection (barrier of case)
 E = electrode connection



LED output

t dj t f bil

- clamp 4
- 0V = range 1 K
 - unswitched = range 5 K
 - 24V = range 20K

function full/empty

- clamp 1,2
- function full = clamp1 + clamp2 -
 - function empty = clamp1 - clamp2 +

order-code PC4

order example: PC4