

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 „sensibility“ to position 1k schalten
3. if LED „output“ doesn` t light, please choose censecutively 5k, 20k till LED „output“ lights

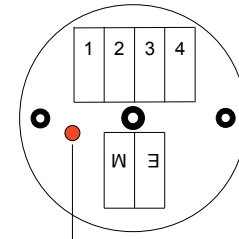
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the change over of function full-/empty announcement is carried out by pole change of supply voltage.
 KL1+, KL2- function „full“: electrode is covered = output active
 KL1-, KL2+ function „empty“: electrode is free = output active

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- 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

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- 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