

## level measurement

### level evaluation module NA 2

#### 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 SPS
- 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

#### setting-up advices

##### adjustment of sensibility

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

##### adjustment of full-/empty announcement

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

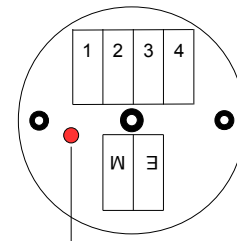


NA2

#### connection

- 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

#### sensibility

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 NA2

order example: NA2