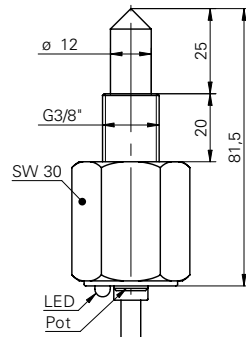


Liquid level and leakage sensors

FFAK 17NTD1002/L

dimension drawing



general data

| | |
|------------------------------|------------------------|
| type | liquid level sensor |
| light source | pulsed infrared diode |
| nominal pressure (probe tip) | 10 bar |
| output indicator | LED yellow |
| sensitivity adjustment | potentiometer, 15 turn |
| wave length | 880 nm |
| measurement type | contact with medium |

electrical data

| | |
|------------------------------------|--------------------|
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. (no load) | 15 mA |
| voltage drop Vd | < 2 VDC |
| output function | normally open (NO) |
| output circuit | NPN |
| output current | < 200 mA |
| short circuit protection | no |
| reverse polarity protection | yes, Vs to GND |

mechanical data

| | |
|---------------------------|------------------|
| width / diameter | 30 mm |
| height / length | 81,5 mm |
| thread | G 3/8" |
| type | cylindrical |
| material (sensing device) | polysulphone |
| housing material | polysulphone |
| connection types | cable 3 pin, 2 m |

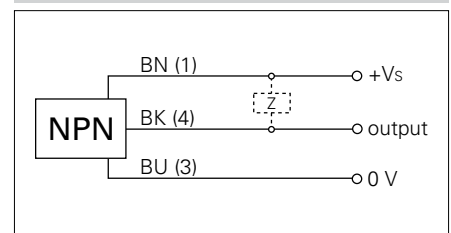
ambient conditions

| | |
|-----------------------|--------------|
| operating temperature | 0 ... +65 °C |
| protection class | IP 67 |

photo



connection diagram



- switched when dipped