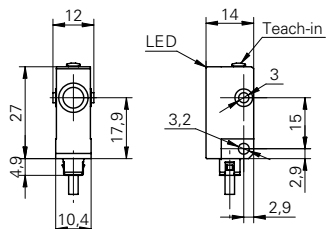


Ultrasonic proximity sensors

UNDK 10N8914

dimension drawing



general data

| | |
|------------------------------|----------------------------|
| scanning range sd | 10 ... 200 mm |
| scanning range far limit Sde | 30 ... 200 mm |
| hysteresis typ. | 4 % Sde |
| repeat accuracy | < 0,5 mm |
| temperature drift | < 0,18 % Sde/K |
| response time ton | < 15 ms |
| release time toff | < 15 ms |
| sonic frequency | 380 kHz |
| adjustment | Teach-in |
| alignment aid | target indication flashing |
| output indicator | LED green |

electrical data

| | |
|------------------------------------|--|
| voltage supply range +Vs | 12 ... 30 VDC |
| current consumption max. (no load) | 35 mA |
| output circuit | NPN make function (NO) / break function (NC) |
| output current | < 200 mA |
| voltage drop Vd | < 2 VDC |
| residual ripple | < 10 % Vs |
| short circuit protection | yes |
| reverse polarity protection | yes |

mechanical data

| | |
|------------------|---------------|
| type | rectangular |
| housing material | plastic (ASA) |
| width / diameter | 10,4 mm |
| height / length | 27 mm |
| depth | 14 mm |
| connection types | cable, 2 m |

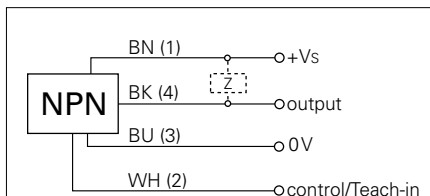
ambient conditions

| | |
|-----------------------|----------------|
| operating temperature | -10 ... +60 °C |
| protection class | IP 67 |

photo



connection diagram



- make function/break function, programmable