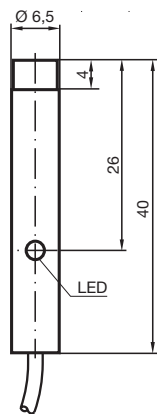


Inductive proximity switches

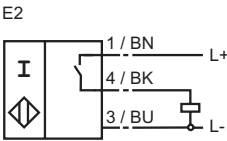
NJ2-6,5-40-E2

Comfort series  
2 mm not embeddable



|                                   |                               |
|-----------------------------------|-------------------------------|
| Switching element function        | PNP      Make function        |
| Rated operating distance $s_n$    | 2 mm                          |
| Installation                      | not embeddable                |
| Assured operating distance $s_a$  | 0 ... 1,62 mm                 |
| Reduction factor $r_{AI}$         | 0,4                           |
| Reduction factor $r_{Cu}$         | 0,35                          |
| Reduction factor $r_{V2A}$        | 0,7                           |
| Operating voltage $U_B$           | 10 ... 60 V                   |
| Switching frequency $f$           | 0 ... 400 Hz                  |
| Reverse polarity protection       | yes                           |
| Short circuit protection          | pulsing                       |
| Voltage drop $U_d$                | $\leq 3$ V                    |
| Operating current $I_L$           | 0 ... 100 mA                  |
| No-load supply current $I_0$      | $\leq 15$ mA                  |
| Indication of the switching state | LED, yellow                   |
| Standards                         | EN 60947-5-2                  |
| Ambient temperature               | -25 ... 70 °C (248 ... 343 K) |
| Connection type                   | 2 m, PUR cable                |
| Core cross-section                | 0.14 mm <sup>2</sup>          |
| Housing material                  | high grade steel              |
| Sensing face                      | PBT                           |
| Protection degree                 | IP67                          |

Connection\_type:



014947\_ENG.xml

2003-03-24