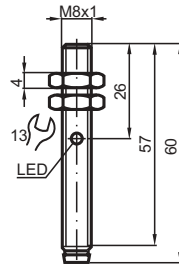


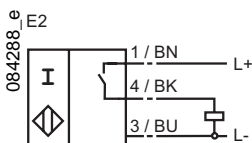
## Basic series

1.5 mm embeddable



|                                   |                               |               |
|-----------------------------------|-------------------------------|---------------|
| Switching element function        | PNP                           | Make function |
| Installation                      | embeddable                    |               |
| Rated operating distance $s_n$    | 1.5 mm                        |               |
| Assured operating distance $s_a$  | 0 ... 1.215 mm                |               |
| Reduction factor $r_{V2A}$        | 0.75                          |               |
| Reduction factor $r_{AI}$         | 0.45                          |               |
| Reduction factor $r_{Cu}$         | 0.35                          |               |
| Operating voltage $U_B$           | 10 ... 30 V                   |               |
| Operating current $I_L$           | 0 ... 100 mA                  |               |
| Switching frequency $f$           | 0 ... 1500 Hz                 |               |
| No-load supply current $I_0$      | $\leq 15$ mA                  |               |
| Off-state current $I_r$           | $\leq 0.5$ mA                 |               |
| Voltage drop $U_d$                | $\leq 3$ V                    |               |
| Short circuit protection          | pulsing                       |               |
| Polarity reversal protected       | yes                           |               |
| Indication of the switching state | LED, yellow                   |               |
| Ambient temperature               | -25 ... 70 °C (248 ... 343 K) |               |
| Protection degree                 | IP67                          |               |
| Connection type                   | V3-connector                  |               |
| Housing material                  | brass, nickel plated          |               |
| Sensing face                      | PBT                           |               |
| Standard conformity               | EN 60947-5-2                  |               |

## Connection



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