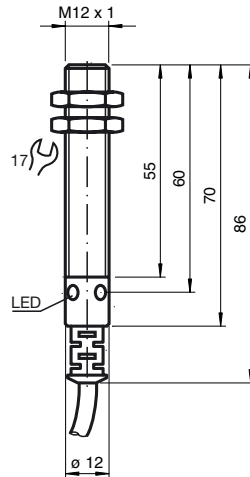


Basic series
4 mm embeddable
increased operating distance



| General specifications | |
|-----------------------------------|------------------------------------|
| Switching element function | PNP Make function |
| Rated operating distance s_n | 4 mm |
| Installation | embeddable |
| Assured operating distance s_a | 0 ... 3.24 mm |
| Reduction factor r_{AI} | 0.45 |
| Reduction factor r_{Cu} | 0.4 |
| Reduction factor r_{V2A} | 0.75 |
| Nominal ratings | |
| Operating voltage U_B | 10 ... 60 V |
| Switching frequency f | 0 ... 1000 Hz |
| Hysteresis H | typ. 5 % |
| Reverse polarity protection | Protected against reverse polarity |
| Short-circuit protection | pulsing |
| Voltage drop U_d | ≤ 2.5 V |
| Design data | |
| Operating current I_L | 0 ... 200 mA |
| Off-state current I_r | 0 ... 0.5 mA typ. 0.1 μ A |
| No-load supply current I_0 | ≤ 10 mA |
| Indication of the switching state | LED, yellow |
| Standard conformity | |
| Standards | IEC / EN 60947-5-2:2004 |
| Ambient conditions | |
| Ambient temperature | -40 ... 85 °C (233 ... 358 K) |
| Mechanical specifications | |
| Connection type | 60 m, PUR cable |
| Core cross-section | 0.75 mm ² |
| Housing material | Stainless steel |
| Sensing face | PBT |
| Protection degree | IP69K |

Connection type:

