

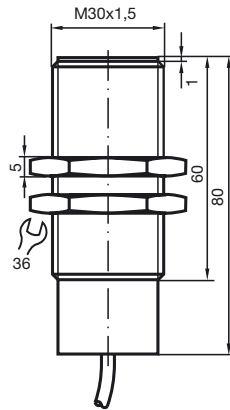
Inductive proximity switch

SI-30-100-C10

Temperature range

-25 ... 100 °C

10 mm embeddable



| | | |
|----------------------------------|------------------------------------|---------------|
| Switching element function | PNP | Make function |
| Rated operating distance s_n | 10 mm | |
| Installation | embeddable | |
| Assured operating distance s_a | 0 ... 8,1 mm | |
| Reduction factor r_{AI} | 0,4 | |
| Reduction factor r_{Cu} | 0,3 | |
| Reduction factor r_{V2A} | 0,85 | |
| Operating voltage U_B | 10 ... 30 V | |
| Switching frequency f | 0 ... 300 Hz | |
| Hysteresis H | 0 ... 10 typ. % | |
| Reverse polarity protection | Protected against reverse polarity | |
| Short circuit protection | pulsing | |
| Voltage drop U_d | ≤ 3 V | |
| Operating current I_L | 0 ... 200 mA | |
| No-load supply current I_0 | ≤ 20 mA | |
| Standards | EN 60947-5-2 | |
| Ambient temperature | -25 ... 100 °C (248 ... 373 K) | |
| Connection type | 2 m, PUR cable | |
| Core cross-section | 0.75 mm ² | |
| Housing material | PBT | |
| Sensing face | PBT | |
| Protection degree | IP68 | |

Connection_type:

E2

