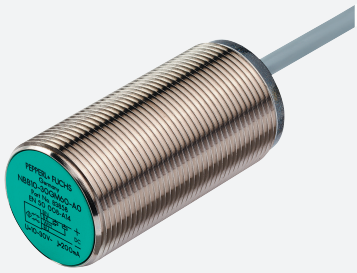
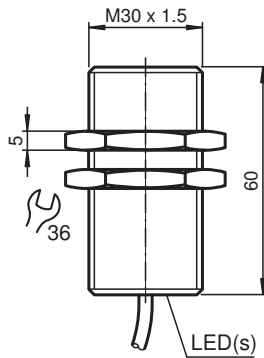


Inductive sensor NBB10-30GM60-WS

■ Basic series



Dimensions



Technical Data

General specifications

| | | |
|----------------------------|-------|--------------------|
| Switching function | | Normally open (NO) |
| Output type | | Two-wire |
| Rated operating distance | s_n | 10 mm |
| Installation | | flush |
| Output polarity | | AC |
| Assured operating distance | s_a | 0 ... 8.1 mm |
| Actual operating distance | s_r | 9 ... 11 mm typ. |
| Reduction factor r_{Al} | | 0.29 |
| Reduction factor r_{Cu} | | 0.26 |
| Reduction factor r_{304} | | 0.71 |
| Output type | | 2-wire |

Nominal ratings

| | | |
|---------------------|-------|--------------|
| Operating voltage | U_B | 20 ... 253 V |
| Switching frequency | f | 0 ... 20 Hz |
| Hysteresis | H | typ. 5 % |
| Voltage drop | U_d | ≤ 8 V |

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 PEPPERL+FUCHS

Technical Data

| | | |
|--------------------------------------|-------|---|
| Momentary current (20 ms, 0.1 Hz) | | 0 ... 1600 mA |
| Operating current | I_L | 5 ... 200 mA |
| Off-state current | I_r | 0 ... 1.7 mA typ. |
| Time delay before availability | t_v | ≤ 30 ms |
| Operating voltage indicator | | LED, green |
| Switching state indicator | | LED, yellow |
| Standard conformity | | |
| Standards | | IEC / EN 60947-5-2:2004 |
| Approvals and certificates | | |
| CCC approval | | Certified by China Compulsory Certification (CCC) |
| Ambient conditions | | |
| Ambient temperature | | -25 ... 70 °C (-13 ... 158 °F) |
| Mechanical specifications | | |
| Cable version | | PA |
| Core cross-section | | 0.34 mm ² |
| Housing material | | brass, nickel-plated |
| Sensing face | | PBT |
| Degree of protection | | IP67 |

Connection

