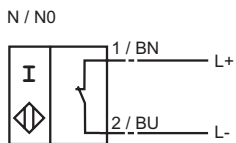


| | |
|----------------------------------|--------------------------------|
| Switching element function | |
| Rated operating distance s_n | 2 mm |
| Installation | embeddable |
| Assured operating distance s_a | 0 ... 1,62 mm |
| Reduction factor r_{AI} | 0,4 |
| Reduction factor r_{Cu} | 0,3 |
| Reduction factor r_{V2A} | 0,85 |
| Nominal voltage U_o | 8 V |
| Switching frequency f | 0 ... 2000 Hz |
| Hysteresis H | typ. % |
| Current consumption | |
| Measuring plate not detected | ≥ 3 mA |
| Measuring plate detected | ≤ 1 mA |
| EMC in accordance with | EN 60947-5-2 |
| Standards | DIN EN 60947-5-6 (NAMUR) |
| Ambient temperature | -25 ... 100 °C (248 ... 373 K) |
| Connection type | 2 m, PVC cable |
| Core cross-section | 0.34 mm ² |
| Housing material | PBT |
| Sensing face | PBT |
| Protection degree | IP67 |

Connection_type:



018462_ENG.xml

2003-03-24

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Data for Ex areas

| | |
|--------------------------------------|-------------------------------|
| Effective internal inductivity C_i | $\leq 25 \text{ nF}$ |
| Effective internal inductance L_i | $\leq 50 \text{ }\mu\text{H}$ |