



Inductive sensor NJ1,5-8-N-Y18812

URL: <https://www.sxplc.com/inductive-sensor-nj1-5-8-n-y18812>

Product data sheet

| | | |
|----------------------------------|-------|---------------------------------|
| Switching element function | | NAMUR, NC |
| Rated operating distance | s_n | 1.5 mm |
| Installation | | flush |
| Assured operating distance | s_a | 0 ... 1.2 mm |
| Reduction factor r_{Al} | | 0.4 |
| Reduction factor r_{Cu} | | 0.3 |
| Reduction factor r_{304} | | 0.85 |
| Nominal ratings | | |
| Nominal voltage | U_o | 8 V |
| Switching frequency | f | 0 ... 2000 Hz |
| Hysteresis | H | typ. % |
| Current consumption | | |
| Measuring plate not detected | | ≥ 2.5 mA |
| Measuring plate detected | | ≤ 1.2 mA |
| Standard conformity | | |
| EMC in accordance with | | IEC / EN 60947-5-2:2004 |
| Standards | | DIN EN 60947-5-6 (NAMUR) |
| Ambient conditions | | |
| Ambient temperature | | -25 ... 100 °C (-13 ... 212 °F) |
| Mechanical specifications | | |
| Core cross-section | | 0.14 mm ² |
| Housing material | | brass |
| Sensing face | | PBT |
| Degree of protection | | IP67 |

