

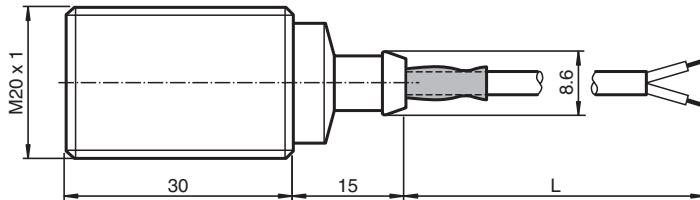
Inductive sensor

921FS5-T-030-Z600

■ Comfort series



Dimensions



Technical Data

| General specifications | | |
|--|-------|--|
| Switching function | | Normally closed (NC) |
| Output type | | NAMUR |
| Rated operating distance | s_n | 5 mm |
| Installation | | flush |
| Assured operating distance | s_a | 0 ... 4.05 mm |
| Reduction factor r_{Al} | | 0.3 |
| Reduction factor r_{Cu} | | 0.2 |
| Reduction factor r_{304} | | 0.7 |
| Output type | | 2-wire |
| Nominal ratings | | |
| Nominal voltage | U_o | 8.2 V (R_i approx. 1 k Ω) |
| Switching frequency | f | 0 ... 500 Hz |
| Short-circuit protection | | yes |
| Current consumption | | |
| Measuring plate not detected | | min. 2.2 mA |
| Measuring plate detected | | ≤ 1 mA |
| Compliance with standards and directives | | |
| Standard conformity | | |
| NAMUR | | EN 60947-5-6:2000 IEC 60947-5-6:1999 |
| Standards | | EN 60947-5-2:2007 IEC 60947-5-2:2007 |
| Approvals and certificates | | |
| CCC approval | | CCC approval / marking not required for products rated ≤ 36 V |

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

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PEPPERL+FUCHS

Technical Data

| Ambient conditions | | |
|---------------------------|---|--------------------------------|
| Ambient temperature | | -20 ... 110 °C (-4 ... 230 °F) |
| Mechanical specifications | | |
| Connection type | | cable |
| Housing material | | Stainless steel |
| Sensing face | | Ceramic |
| Degree of protection | | IP67 |
| Cable | | |
| Wire end ferrules | | yes |
| Cable diameter | | 4 mm ± 0.2 mm |
| Bending radius | | > 7.5 x cable diameter |
| Material | | FEP |
| Color | | white |
| Number of cores | | 2 |
| Core cross section | | 0.355 mm ² |
| Length | L | 3 m |

Connection

