

# PSI 061 414 F

Inductive Proximity Sensors

## Product image



## Technical parameters

<b>Nominal Sensing Distance <math>S_n</math></b> 1 mm	<b>Effective Sensing Distance <math>S_r</math></b> 0,8 – 1,2 mm
<b>Housing Dimensions</b> ø 6,5	<b>Mounting</b> Flush
<b>Hysteresis</b> (0,1 -0,15) x $S_n$	<b>Nominal Voltage <math>U_n</math></b> 24 VDC
<b>Supply Voltage <math>U_c</math></b> 10 – 30 VDC	<b>Supply Current <math>I_c</math></b> < 10 mA
<b>Output Current <math>I_z</math></b> ? 200 mA	<b>Switching Frequency</b> 5 kHz
<b>Short-Circuit Protection</b> Yes	<b>Polarity Reversal Protection</b> Yes
<b>Output Type</b> PNP nc	<b>Housing Material</b> Nickel Plated Brass
<b>Ambient Temperature Range <math>T</math></b> -25°C...+70°C	<b>Target Presence Indicator</b> LED
<b>Output Type</b> Connector M8	<b>Protection Standard</b> IP 67

## Dimensions

