

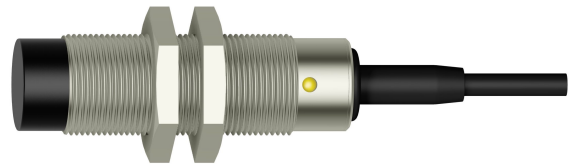
# PSI 188 311 F

Inductive Proximity Sensors

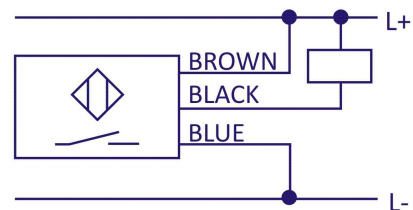
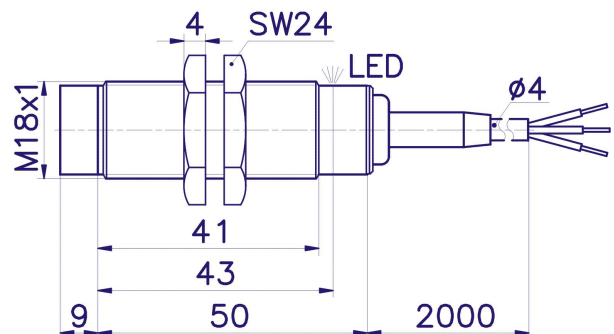
## Technical parameters

<b>Nominal Sensing Distance S<sub>n</sub></b> 8 mm	<b>Effective Sensing Distance S<sub>r</sub></b> 6 - 10 mm
<b>Housing Dimensions</b> M18	<b>Mounting</b> Non-Flush
<b>Hysteresis</b> (0,1 -0,15) x S <sub>n</sub>	<b>Nominal Voltage U<sub>n</sub></b> 24 VDC
<b>Supply Voltage U<sub>c</sub></b> 10 - 30 VDC	<b>Supply Current I<sub>c</sub></b> < 10 mA
<b>Output Current I<sub>z</sub></b> ≤ 200 mA	<b>Switching Frequency</b> 500 Hz
<b>Short-Circuit Protection</b> Yes	<b>Polarity Reversal Protection</b> Yes
<b>Output Type</b> NPN no	<b>Housing Material</b> Nickel Plated Brass
<b>Ambient Temperature Range T</b> -25°C...+70°C	<b>Target Presence Indicator</b> LED
<b>Output Type</b> Cable PVC 3 x 0,25 mm <sup>2</sup>	<b>Cable Length</b> 2 m
<b>Protection Standard</b> IP 68	

## Product image



## Dimensions



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