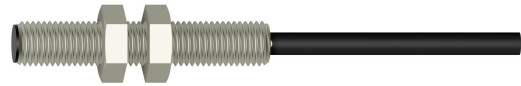


# PSI 085 311 45 F

Inductive Proximity Sensors

Product image



## Technical parameters

**Nominal Sensing Distance  $S_n$**   
1 mm

**Effective Sensing Distance  $S_r$**   
0,8 – 1,2 mm

**Housing Dimensions**  
M8

**Mounting**  
Flush

**Hysteresis**  
(0,1 -0,15) x  $S_n$

**Nominal Voltage  $U_n$**   
24 VDC

**Supply Voltage  $U_c$**   
10 – 30 VDC

**Supply Current  $I_c$**   
< 10 mA

**Output Current  $I_z$**   
? 200 mA

**Switching Frequency**  
5 kHz

**Short-Circuit Protection**  
Yes

**Polarity Reversal Protection**  
Yes

**Output Type**  
NPN no

**Housing Material**  
Nickel Plated Brass

**Ambient Temperature Range  $T$**   
-25°C...+70°C

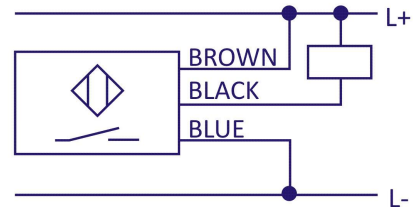
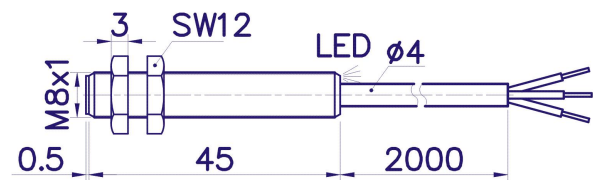
**Target Presence Indicator**  
LED

**Output Type**  
Cable PVC 3 x 0,25 mm<sup>2</sup>

**Cable Length**  
2 m

**Protection Standard**  
IP 68

Dimensions



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