

# PDI 186 315 S

Inductive Proximity Sensors

## Technical parameters

**Nominal Sensing Distance  $S_n$**   
10 mm

**Effective Sensing Distance  $S_r$**   
8 – 12 mm

**Housing Dimensions**  
M18

**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**  
20 Hz

**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 4 x 0,25 mm<sup>2</sup>

**Cable Length**  
2 m

**Protection Standard**  
IP 68

## Product image



## Dimensions

