



## Inductive sensors

### IB5096IB-3020-BPKG

URL:<https://www.sxplc.com/inductive-sensors-ib5096ib-3020-bpkg>

## Product data sheet

Product characteristics Electrical design PNP Output function normally open Sensing range [mm] 20  
Housing cylindrical Dimensions [mm] Ø 34 / L = 82 Electrical data Operating voltage [V] 10...36 DC  
Current consumption [mA] 15; (24 V) Protection class II Reverse polarity protection yes Outputs  
Electrical design PNP Output function normally open Max. voltage drop switching output DC [V] 2.5  
Permanent current rating of switching output DC [mA] 250 Switching frequency DC [Hz] 60 Short-circuit  
protection yes Type of short-circuit protection pulsed Overload protection yes Detection zone Sensing  
range [mm] 20 Real sensing range  $S_r$  [mm]  $20 \pm 10\%$  Operating distance [mm] 0...16.2 Accuracy /  
deviations Correction factor steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2

