



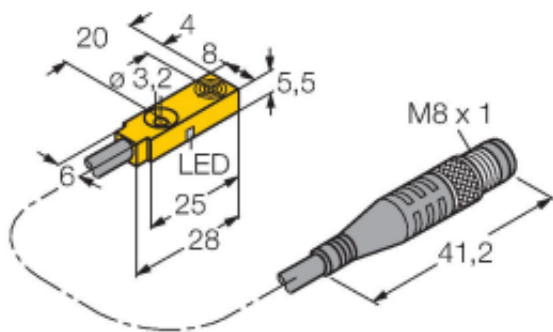
Inductive

Sensor, BI2-Q5.5-AP6X-0.3-PSG3M

URL: [https://www.sxplc.com/inductive-sensor-](https://www.sxplc.com/inductive-sensor-bi2-q5-5-ap6x-0-3-psg3m)

bi2-q5-5-ap6x-0-3-psg3m

Product data sheet



Type	BI2-Q5.5-AP6X-0.3-PSG3M
ID	16130825
General data	
Rated switching distance	2 mm
Mounting conditions	Flush
Secured operating distance	$\leq (0.81 \times S_n)$ mm
Correction factors	St37 = 1; Al = 0.3; stainless steel = 0.7; A = 0.4
Repeat accuracy	≤ 2 % of full scale
Hysteresis	3...15 %
Electrical data	
Operating voltage	10...30 VDC
Residual ripple	≤ 10 % U_{ss}
DC rated operational current	≤ 150 mA
No-load current	15 mA
Residual current	≤ 0.1 mA
Isolation test voltage	≤ 0.5 kV
Short-circuit protection	yes / Cyclic
Voltage drop at I_L	≤ 1.8 V
Wire breakage/Reverse polarity protection	yes / Complete
Output function	3-wire, NO contact, PNP
Switching frequency	2 kHz
Mechanical data	
Design	Rectangular, Q5,5

