SENSORS
Inductive Proximity Switch

Feature

- Rectangle shape with only 11 mm width
- DC 3-wire (10-30V DC)
- Plastic case for general automation industry
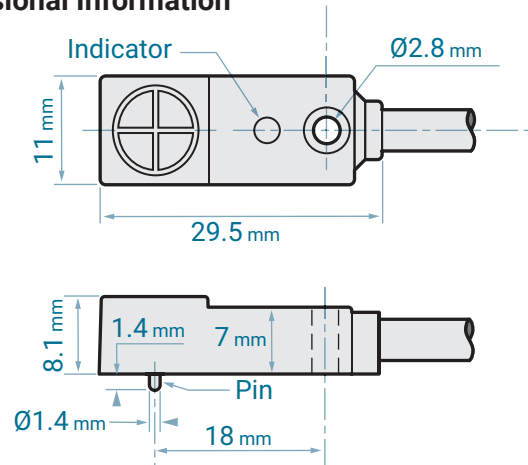
Applications

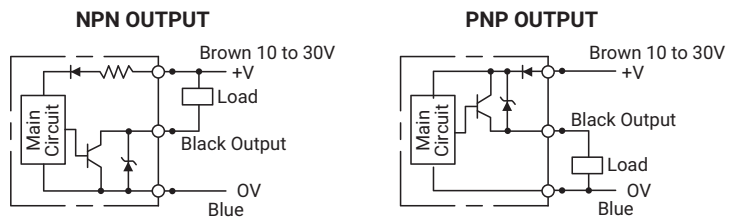- Home sensor or poition sensor on select PBC Linear actuators

Specifications

Sensor Model	6200418	6200682	6200699
Detecting Distance	4 mm		
Sensing Direction	Flat Pack		
Connection	Cable Type (DC 3 Cores Dia. 4 mm)		
Supply Voltage	10–30VDC		
Output Mode	NPN		PNP
Output Type	Normal Open	Normal Closed	Normal Open
Output Current (MAX)	200mA		
Current Consumption	8mA		
Leakage Current	< 0.1mA		
Residual Voltage	< 1.5VDC		
Response Frequency	500 Hz		
Reverse Polarity Protection	Standard		
Short Circuit Protection	Not Available		
Hysteresis	10%		
Ambient Temp/Humidity	-25°C to 55°C / 25% to 90% RH		
IP Protection Category	IP67		
Size (L/W/H)	L/W/H 30/11/8 mm		

Dimensional Information

Output Circuit & Wiring

NPN OUTPUT

Brown 10 to 30V
+V
Load
Black Output
0V
Blue
Main Circuit

PNP OUTPUT

Brown 10 to 30V
+V
Black Output
Load
0V
Blue
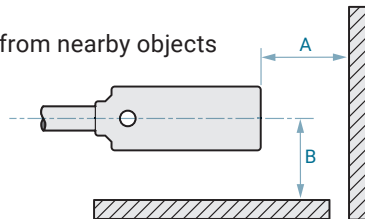Main Circuit

Attention

- Keep sufficient distance from nearby objects
- Do not confuse the wire connections as wrong connections may damage product

- Do not use in the presence of flammable or volatile gas
- Proximity switch may malfunction if used near cellular phones or other transceivers

Visit **pbclinear.com** for Product Information and 2D/3D CAD Downloads

Call **1-800-962-8979** for Technical and Application Information