

P12 Learn Line 12mm Metal Housing 4m Receiver



PT/P12 (4m) range 12mm housing
Receiver

infrared 880nm

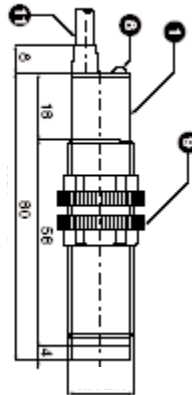
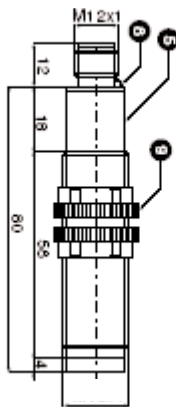
Great for use general harsh duty applications

4 wire 10-30VDC

LED for set up & diagnostics

M12 connector & cable available

Learn Line series
IP67 protection degree metal housing



- 1. - standard cable exit M1
- 5. - M12 connector K1
- 8. -red LED indicator
- 9. - nut/hexagon nut
- 11. -cable 4(2)X0.34mm,4.7mm diameter, PVC, 2m

Parts Matrix

photo electric sensor series	P	P
receiver	RX	RX
4m max range	004	004
12mm diameter	1	1
NBT metal housing	B	B
PNP	P	
NPN		N
light operated/dark operated	6	6
2m standard integrated cable	M1	M1
K1 4 Pin 12mm connector	K1	K1

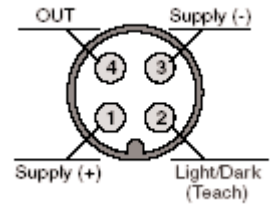
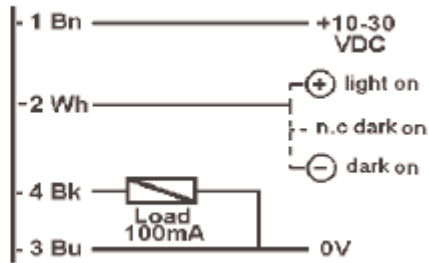
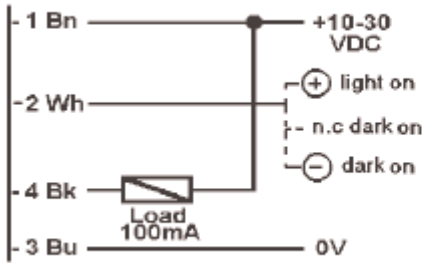
PARTS INDEX

- PRX0041BP6M1
- PRX0041BP6K1
- PRX0041BN6M1
- PRX0041BN6K1

SPECIFICATIONS

- PNP LO-DO M1
- PNP LO-DO K1
- NPN LO-DO M1
- NPN LO-DO K1

PNP/NPN Wiring Diagram & K1 Connector Diagram



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance S_n	4m
Emission	infrared 880nm
Differential Travel	<15%
Operating Voltage U_b	10-30VDC
Ripple U_{pp}	<10%
No-load Supply	<20mA max
Load Current Max	100mA
Time Delay Before Available	150ms
Weight	54g/18g
Voltage Drop U_d	2V max.(100mA)
Output Type	PNP or NPN LO/LD
Response Time	>2ms
Switching Frequency	250Hz
Tightening Torque	10Nm
Supply Electrical Protections	polarity reversal, transient
Output Electrical Protections	short circuit protection (autoreset)
Ambient Temperature T_a	-25--+70C
Temperature Drift	+/- 5% SR
Protection Degree (DIN 40 050)	IEC IP67
LED Indicators	Yellow
Housing Material	NBT