

**L18 Laser Line 18mm Metal Housing
50m Range Receiver Series**



**L18 (50m)* range 18mm housing
Receiver**

Laser with teach in

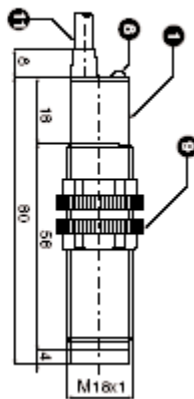
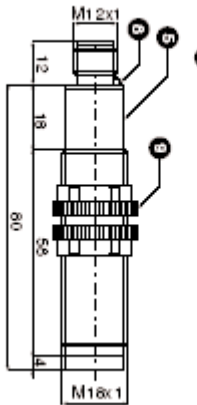
Great for use general harsh duty applications

4 wire 10-30VDC

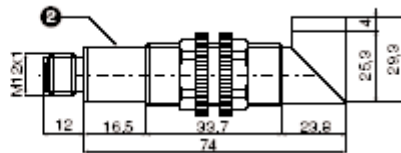
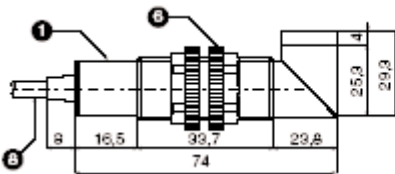
LED's for set up & diagnostics

M12 connector & cable available

**Laser Line Series
IP67 protection degree metal housing**



- 1. - standard cable exit M1
- 5. - M12 connector K2
- 8. - LED indicators
- 9. - nut/hexagon nut
- 11. - cable 4(2)X0.34mm,4.7mm diameter, PVC, 2m



- 1. - standard cable exit M1
- 2. - M12 connector K2
- 6. - nut/hexagon nut
- 8. - cable 4(2)X0.34mm,4.7mm diameter, PVC,

Parts Matrix

photo electric sensor series	P	P
laser-receiver	LR	LR
50m	050	050
18mm diameter	9	9
NBT metal housing	B	B
PNP output	(P)	P
NPN output	N	(N)
complimentary NO and NC	7	7
90 degree optics (radial)	R	
straight optics (axial)		T
2m standard integrated cable	M1	M1
K2 4 Pin 12mm connector	K2	K2

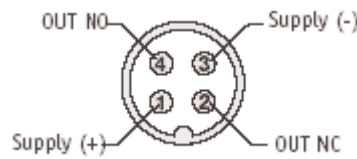
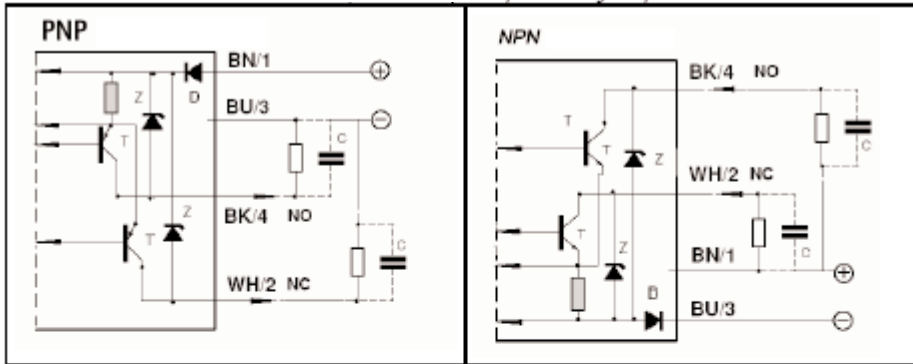
PARTS INDEX

- PLR0509BN7RM1
- PLR0509BN7RK2
- PLR0509BP7TM1
- PLR0509BP7TK2

SPECIFICATIONS

- RECEIVER 90 M1
- RECEIVER 90 K2
- RECEIVER M1
- RECEIVER K2

Complementary outputs



Nominal Sensing Distance S_n	50m
Emission	NA
Repeat accuracy	5%
Differential Travel	<10%
Operating Voltage U_b	10-30VDC
Ripple U_{pp}	<10%
No-load Supply	<25mA max
Time Delay	200ms
Weight	200g
Output Type	PNP or NPN complimentary NO and NC
Minimum Detectable Object/Spot Size	10mm / 40mm@60m
Load Current	100mA
Tightening Torque	40Nm
Supply Electrical Protections	polarity reversal, transient
Switching Frequency	1KHz
Ambient Temperature T_a	-55--+80C
Tempearture Drift	10% SR
Protection Degree (DIN 40 050)	IEC IP67
LED Indicators	Green (power supply) Yellow (laser on)
Housing Material	NBT/PC