

**L18 Laser Line 18mm Plastic Housing
50m Range Transmitter**



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

Laser emission with teach in

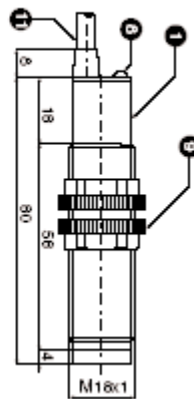
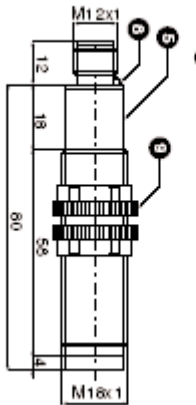
Great for use general harsh duty applications

4 wire 10-30VDC

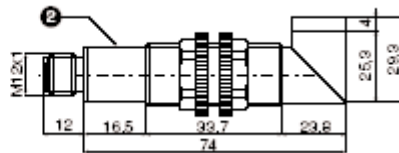
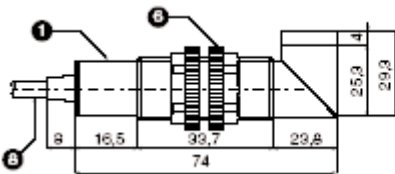
LED's for set up & diagnostics

M12 connector & cable available

**Laser Line Series
IP67 protection degree plastic 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

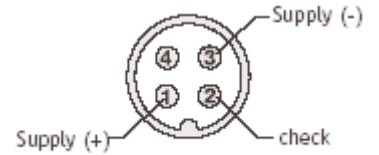
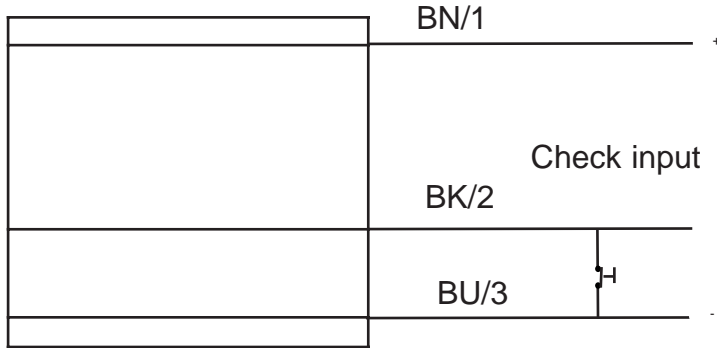
photo electric sensor series	P	P
laser-transmitter	LT	LT
50m	050	050
18mm diameter	9	9
PBT plastic housing	P	P
check on transmitter	C	C
light opearted/dark operated	8	8
90 degree optics (radial)	R	
straight optics (axial)		T
2m standard integrated cable	M1	M1
K2 4 Pin 12mm connector	K2	K2

PARTS INDEX

- PLT0509PC8RM1
- PLT0509PC8RK2
- PLT0509PC8TM1
- PLT0509PC8TK2

SPECIFICATIONS

- TRANSMITTER 90 M1
- TRANSMITTER 90 K2
- TRANSMITTER M1
- TRANSMITTER K2



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance S_n	50m	
Emission	Red laser diode 650nm/class 1 laser (IEC60825-1)	
Repeat accuracy	5%	
Differential Travel	<10%	
Operating Voltage U_b	10-30VDC	
Ripple U_{pp}	<10%	
No-load Supply	<25mA max	
Check Input	BK/2 connected to) switches off the emission	
Weight	200g	
Output Type	NA	
Minimum Detectable Object/Spot Size	10mm	/ 40mm@60m
Tightening Torque	40Nm	
Supply Electrical Protections	polarity reversal, transient	
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	PBT/PC	