

L18 Laser Line 18mm Metal Housing  
50m Range Transmitter



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

Laser emission with teach in

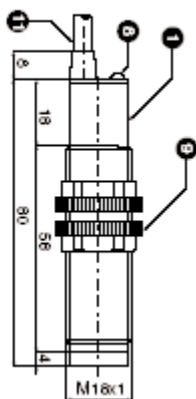
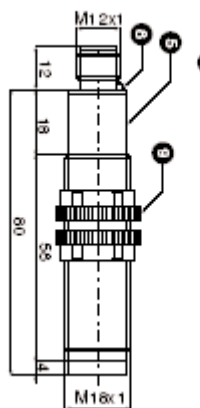
Great for use general harsh duty applications

4 wire 10-30VDC

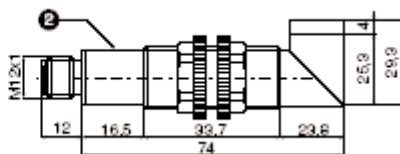
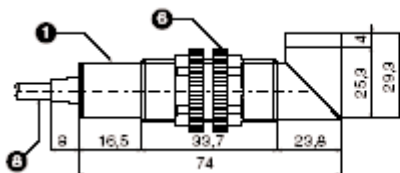
LED's for set up & diagnostics

M12 connector & cable available

Laser Line Series  
IP67 protection degree 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

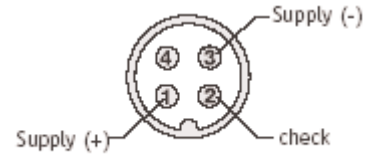
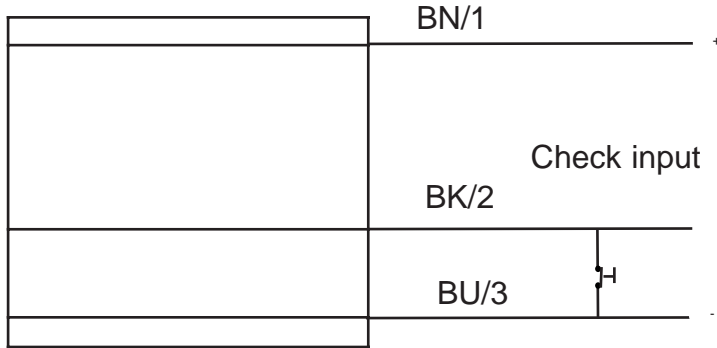
photo electric sensor series	P	P
laser-transmitter	LT	LT
50m	050	050
18mm diameter	9	9
NBT metal housing	B	B
check on transmitter	C	C
light opearted/dark operated	8	8
90 degree optics (radial)	R	
straight optics (axial)		T
2m standard integrated cable	M1	M1
K2 4 Pin 12mm connector	K2	K2

PARTS INDEX

- PLT0509BC8RM1
- PLT0509BC8RK2
- PLT0509BC8TM1
- PLT0509BC8TK2

SPECIFICATIONS

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



**TECHNICAL SPECIFICATIONS**

<b>Nominal Sensing Distance S<sub>n</sub></b>	<b>50m</b>	
<b>Emission</b>	<b>Red laser diode 650nm/class 1 laser (IEC60825-1)</b>	
<b>Repeat accuracy</b>	<b>5%</b>	
<b>Differential Travel</b>	<b>&lt;10%</b>	
<b>Operating Voltage U<sub>b</sub></b>	<b>10-30VDC</b>	
<b>Ripple U<sub>pp</sub></b>	<b>&lt;10%</b>	
<b>No-load Supply</b>	<b>&lt;25mA max</b>	
<b>Check Input</b>	<b>BK/2 connected to ) switches off the emission</b>	
<b>Weight</b>	<b>200g</b>	
<b>Output Type</b>	<b>NA</b>	
<b>Minimum Detectable Object/Spot Size</b>	<b>10mm</b>	<b>/ 40mm@60m</b>
<b>Tightening Torque</b>	<b>40Nm</b>	
<b>Supply Electrical Protections</b>	<b>polarity reversal, transient</b>	
<b>Ambient Temperature T<sub>a</sub></b>	<b>-55--+80C</b>	
<b>Tempearture Drift</b>	<b>10% SR</b>	
<b>Protection Degree (DIN 40 050)</b>	<b>IEC IP67</b>	
<b>LED Indicators</b>	<b>Green (power supply) Yellow (laser on)</b>	
<b>Housing Material</b>	<b>NBT/PC</b>	