

LR 100L TS58 J

Remote Sensors

Remote Photoelectric Systems

Compatible Transmitter:

LT 100L TS58 J



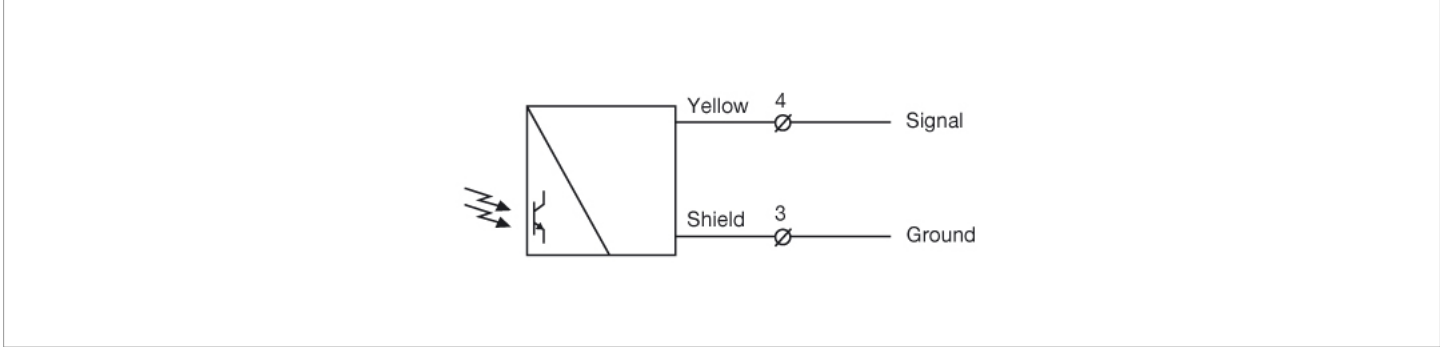
Product Data	
Function	Receiver
Connection	4 pin, M12 plug
Sensing Range	Up to 18 m
Indicators	Yes
Optical Angle	+/- 7° (opening)
Housing Material	Stainless Steel
Housing	M12 x 1

Technical Data	
Photo Transistor	Silicon NPN
Power On Indicator	Green LED
Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Stainless Steel (AISI 316)

Environmental Data	
Vibration	10 – 55 Hz, 0,5 mm
Shock	30 g
Operation Temperature	– 25 to +65 °C
Storage Temperature	– 40 to +80 °C
Sealing Class	IP 67
Light Immunity 20'	> 80 000 lux

Approvals	

Wiring Diagram



Connections

4 pin, M12

Sensor Plug
(Male)

Cable Plug
(Female)

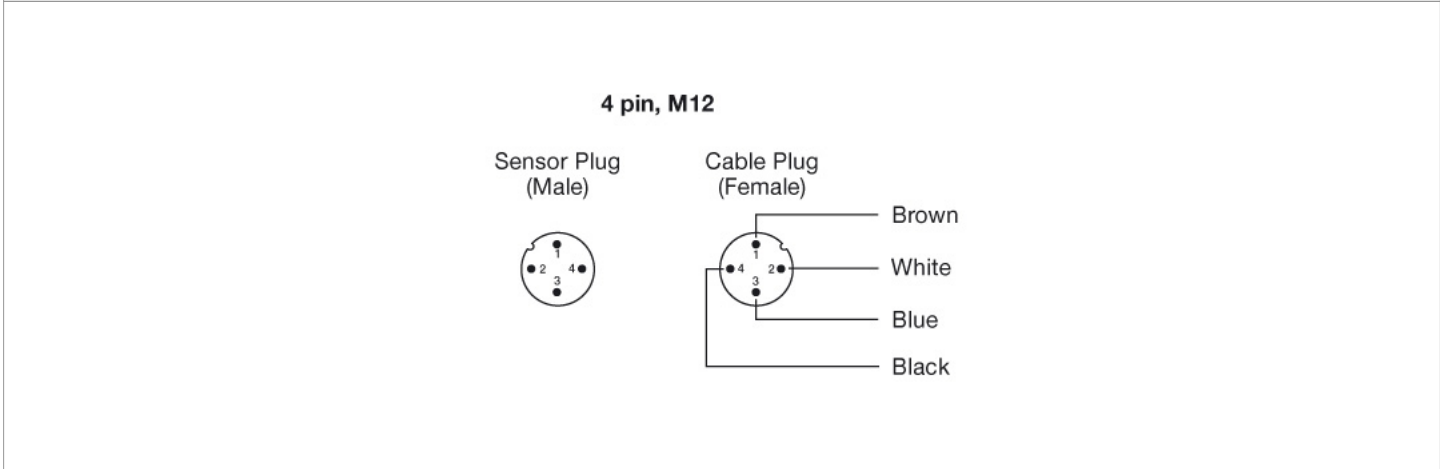
Brown

White

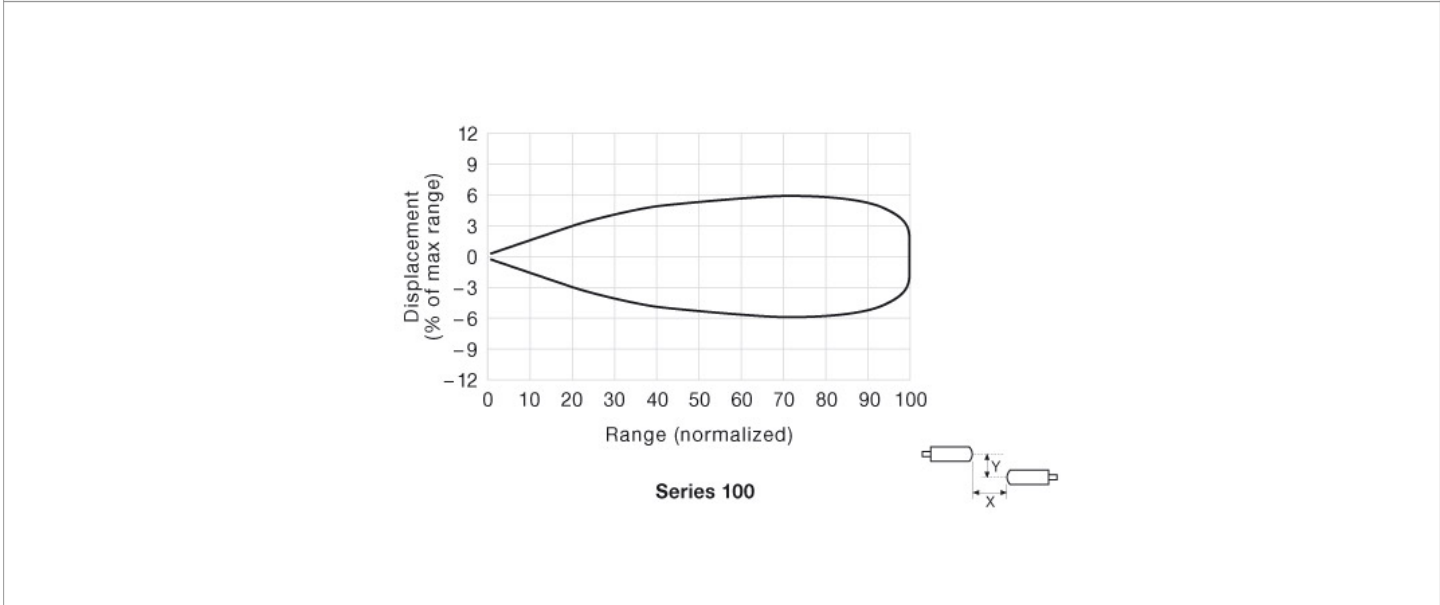
Blue

Black

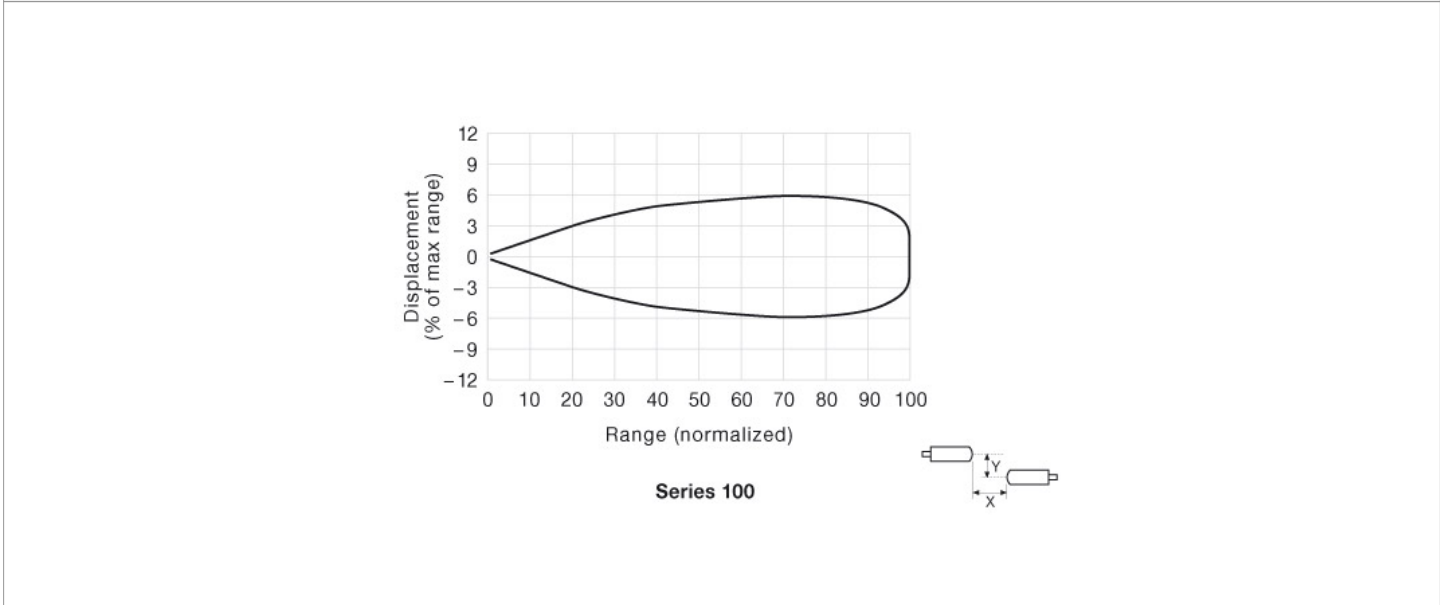
The diagram illustrates the wiring for a 4-pin M12 cable. It shows a male sensor plug on the left and a female cable plug on the right. The female plug has four pins, each connected to a specific wire color: pin 1 to Brown, pin 2 to White, pin 3 to Blue, and pin 4 to Black.



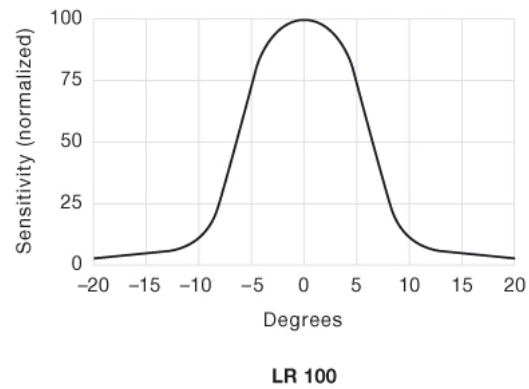
Parallel Displacement



Series 100



Angular Displacement



Dimensions

