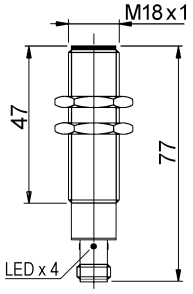
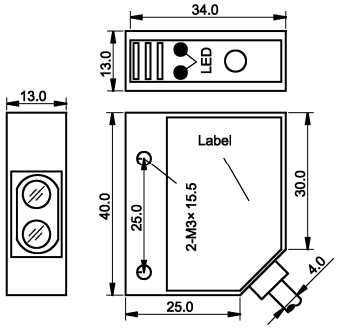
Through-Beam Photoelectric Sensors

FEATURES:

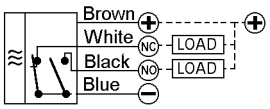
- Starting as low as $39.00 each
- **Mating M12S2M... connector with 2 meters of cable included with all connector versions**
- **Emitter included with Receiver**
- Reverse polarity protection
- Protection degree IP65: dust tight and protected against water spray from any direction

		MODEL	
Output Function	NPN NO+NC	**PT18M10MNSC****	**PTR4P5MNS****
	PNP NO+NC	**PT18M10MPSC****	**PTR4P5MPS****
Dimensions: mm 1" = 25.4 mm 1 mm = .03937" CE			
Operating Distance		**10 m**	**5 m**
External Dimensions		M18 x 1	40x34x13mm
Light Source		Infrared	
Power Supply		10 – 30 Vdc	
Power Drain		≤ 20 mA (≤ 5 mA transmitter)	
Voltage Drop		≤ 2 V	
Switching Current (max)		200 mA	
Response Time		<5ms	
Operating Angle		3-20°	
Light Immunity		≤ 10000/ sunlight / ≤ 3000 incandescent light	
Case		Nickel-plated brass	Plastic
Protection Degree		IP 65	
Operating Temperature		- 25 to +55 °C	
Output Connection		Connector C*	Cable: L = 2 m

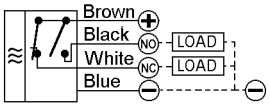
** Transmitter included

WIRING:

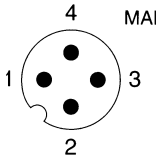
NPN, NO+NC



PNP, NO+NC



CONNECTOR*:



MALE CONNECTOR C

4 Wire
1 = brown +
3 = blue -
4 = black output NO
2 = white output NC

***** Mating connector with 2 meters of cable included with connector versions