

THRU BEAM PHOTOELECTRIC SENSORS



Series TM 12 + RC12

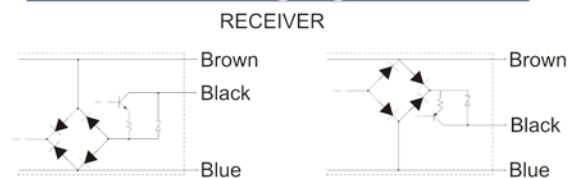


- Through-beam self-contained
- Range up to 6m
- Easy to mount
- Insensitive to shock and vibrations
- Waterproof IP 67

Technical data

Range:	6m
Supply options:	10 - 30VDC
Power consumption:	<35mA
Output:	NPN / PNP 250mA
Response Time:	5ms max.
Ambient temperature:	- 20°C to + 55°C
Degree of tightness:	IP 67
Short-circuit protected:	1 sec max.
Short-circuit current:	max. 1Amp.
Housing:	Acid-resistant stainless steel

Wiring diagrams



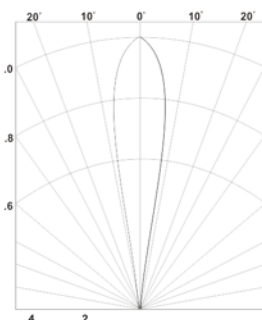
FUNCTION

LIGHT	DARK	
+	-	brown
-	+	blue

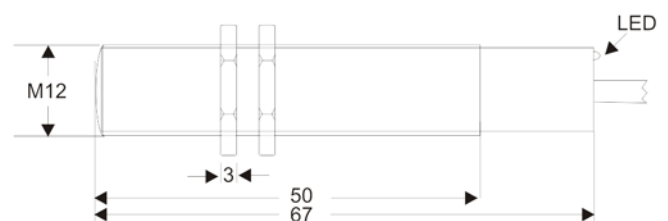
EMITTER

TM 12	Brown	Range	6m + Brown	- Blue
	Blue		2m + Blue	- Brown

Angular displacement



Dimension (mm)



Type no. Identification code

Emitter 120080	TM 12
Receiver 120090	RC 12 NPN
120100	RC 12 PNP