

## CMCP244 M12 Series Rugged Remote Optical Laser Sensor



### Features:

- Rugged Laser Sensor
- M12 Connector for CMCP605M Cables
- 24VDC or 3-15VDC Powered
- 25' Operating Range
- IP67 for Outdoor Environments
- Includes Mounting Bracket
- Includes Reflective Tape

### Typical Applications:

Building Services, Pulp and Paper, Mining, Metals, Utilities, Automotive, Water, Pharmaceutical

### Technical Performance

Speed Range: 1 to 250,000 RPM  
 Measuring Distance: 25' (7.6m)  
 Output: Open Collector with Internal Pull Up Resistor to 20V  
 Positive Pulse When On Target  
 Illumination: Visible Red Laser, Class 2 (per IEC 60825-1:2014)  
 Maximum Laser Output: 1mW  
 Pulse Duration: Continuous  
 Cable Length: See CMCP605M

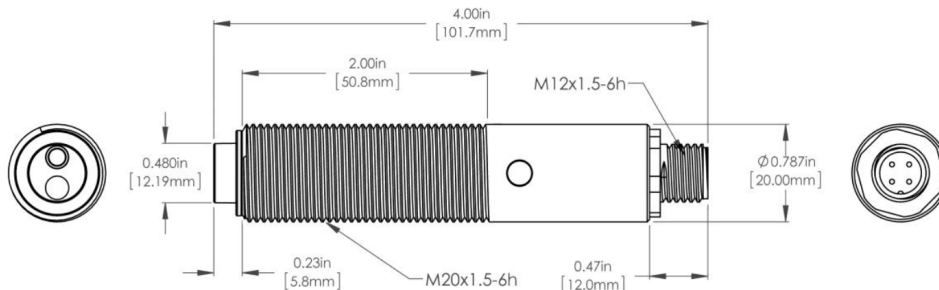
### Environmental

Operating Temperature Range: -10 to 50°C (14 to 122°F)  
 Sealing: IP67  
 Relative Humidity: 80% Max

### Mechanical

Housing Material: 303 Stainless Steel  
 Sensing Face Material: Acrylic Plastic  
 Dimensions: 3.12" x 0.71"  
 Case Thread: M18 (Two Jam Nuts Supplied)  
 Mounting Bracket: Included (L Shaped)

### Dimensions:



**Wiring:**

<b>Pin:</b>	<b>Function</b>
Pin 1:	+VE
Pin 3:	0V
Pin 4:	Pulse Output
Housing:	Shield

**Sensor Ordering Information:**

<b>CMCP244</b>	<b>-XX</b>	<b>Description</b>
	-01	3.3 to 15VDC Powered
	-02	24VDC Powered

**Cable Ordering Information:**

<b>CMCP605M</b>	<b>-XX</b>	<b>-XX</b>	<b>Description</b>
	-05		5 Meter Cable (16')
	-10		10 Meter Cable (32')
	-20		20 Meter Cable (64')
	-XX		Specify Length in Meters (Example: -30 for 30 Meters)
		-01	Straight Connector
		-02	Side Exit (90 Degree) Connector

Refer to CMCP605M Data Sheet for More Information