PMT-MDM-RE-LS Length Measuring Device Module (Receiver/Emitter)



Features

- ***Long Operating Distance : 50m***
- ***Visible Red Laser : 660nm***
- ***High Switching Frequency: 5kHz***
- ***Emitter / Receiver isolation type***
- ***Visible Easy Alignment***
- ***Visible Detecting Status***
- ***Air Purge / Tilting Base***
- ***Large Spot Emitter***

Introduction

2 Built-in LEDs for output-state and excess-gain indication (receiver only). Additional 4-hole LED on connector models (receiver only). Changeover or excess-gain outputs (depending on type).

Specification

*** Beam diameter at 1 m/5 m/50 m**–- 2 mm/4 mm/20 mm

*** Supply voltage range** – 10~36VDC

*** Output current** – ≤ 200 mA

*** Switching time** – ≤ 0,1 msec

*** Modulation frequency** – 33 kHz

*** Leakage current** – ≤ 0,1 mA

*** Time delay before availability** – 20 msec

*** Max. Ambient light, halogen** – 5'000 Lux

*** Max. Ambient light, sun** – 10'000 Lux

*** Ambient temperature range** – -10 ... +50 oC

*** No-load supply current / receiver** – ≤ 10 mA

*** No-load supply current / emitter** – ≤ 10 mA

*** Emitter test input(<4V:off / >8V or open :on)**– 0,5mA

Operation

*** Typical Supply voltage** – 24VDC

*** Detecting Signal Type** – NPN Open Collector

*** Red LED** – Power Supply Status

*** Green LED** – Metal On/Off Status

*** Red LED ON** – Power ON

*** Green LED ON** – Metal Off

*** Green LED Off** – Metal ON

*** Alignment** – Align laser point hole center position

*** Accurate Alignment** – Green LED ON

Ordering Information

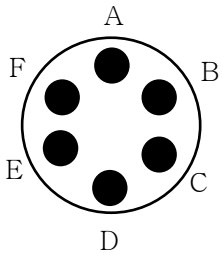
PMT-MDM-RE-LS	**Length Measuring Device Module (Receiver/Large Spot Emitter)**
PMT-MD-C	**Power & Signal Cable /Connector**

Option Information

Housing material Steel	**-S**
Housing material Aluminum	**-A**

PMT-MDM-RE-LS - Housing (Option) **EX) PMT-MDM-RE-LS-S**

Connector



A- DC 24V+

B- DC 24V-

D- Signal

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