

MHRS-A

MHRS-A Modulated High Speed Retro-reflective Sensor

Applications

- Tachometer
- Quality Control
- Size Control and Sorting
- Direct Input to Counters
- Direct Input to Programmable Controllers



Description

The MHRS-A will function at up to 30,000 operations per second in the retro-reflective mode at a distance of 6 feet. The "coaxibeam" sensing system does not require a sensitivity control nor does it have blind spots and false triggering experienced with dual beam sensors.

Features

Proprietary "Coaxibeam" optical design
Very high speed sensing
Lower Power Consumption
Needs no sensitivity control
Narrow Beam
Modulated infrared beam
LED Output Indicator
Complimentary Outputs
Stainless Steel Case
Precision Glass Lens
Unique sensor packaging and Mounting

Specifications

Input Voltage: 12 to 28 VDC
Input Current: less than 50 MA at 28 VDC
Input Status: LED Indicator

Benefits

- Requires no sensitivity adjustments, EVER!!
- Allows modulated Photoelectric Sensing to be used in applications previously too fast for conventional sensors.
- Allows sensors to be powered by your existing equipment i.e counters programmable controllers.
- Allows accurate first time set up.
- Improved sensing repeatability.
- Provides high ambient light immunity and increased reliability over conventional sensors.
- Aids alignment.
- Requires no light/dark switches. Output can be wired or led to perform simple logic functions.
- Durable, corrosion resistant.
- Resists abrasion & solvents.
- Permits use of sensor areas inaccessible to competitive units.



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Range

2' with ½ inch diameter Retroreflector

4' with 1 and ¼ inch diameter Retroreflector

8' with 3 inch diameter Retroreflector

Separates ½ inch diameter Retroreflector on
1 inch centers at 18 inches.

Note: All sensing is done at speeds up to
30,000 operations a second.

Mount: The M-1 bracket is used to provide
sensor mounting adjustment in both the
horizontal and vertical planes.

