

TAC-1000

Tachometer Probe

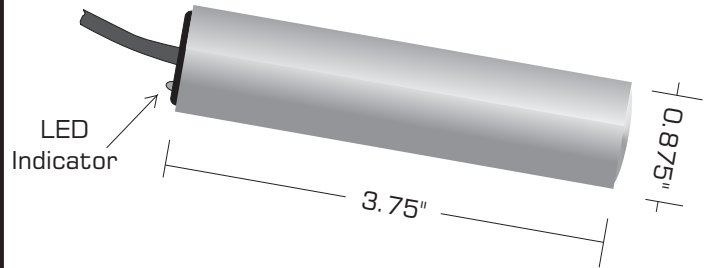
Made in
U.S.A.

FEATURES

- Coaxibeam™ Optical Design
- Narrow Beam IRED
- Very High Speed Sensing
- Low Power Consumption
- Precision Glass Lens
- Needs No Sensitivity Control

APPLICATIONS

- Tachometers
- Sorting
- Quality Control
- Size Control
- Vision Systems
- Direct Input to Counters & PLCs



RED	+5 VDC
GREEN	+8 VDC
WHITE	OUTPUT
BLACK	COMMON

Note: Unit can be powered from either 5 VDC or 8 VDC

SPECIFICATIONS

Input

Voltage: 5 or 8 VDC
Current: less than 25 mA @ 5 VDC

Output

Sinks 25 mA
Response time - less than 125 micro sec.

Mechanical

Housing: Rugged anodized aluminum with glass optics. Supplied with 6 ft. Of cable. Mounting brackets available.

Typical Ranges

4 ft.	1.25" dia. retro-reflector
8 ft.	3" dia. retro-reflector
30 in.	0.5 in. x 1 in. retro-reflective tape

DESCRIPTION

The TAC-1000 tachometer probe is a high speed modulated retro-reflective sensor. It features Coaxibeam™ single lens optics which eliminates the need for sensitivity controls. Ultra high speed circuitry allows for speeds of 8000 counts per second. The modulated infrared beam provides high ambient light immunity with improved sensing repeatability. The TAC-1000 with its low power consumption is suitable for battery operation. It directly inputs to counters and

programmable controllers. A rear mounted high intensity red LED indicator shows target acquisition. Its rugged anodized aluminum housing and sealed glass lens is resistant to solvents. FSI is committed to manufacturing quality products and providing complete customer satisfaction.



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