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WARNING

DO NOT STARE INTO BEAM

INSTRUCTIONS

INSTRUMENT TYPE:

VLS/DA

TERMINATION:

Black Wire

Output 0V

White Wire

Output (0 - 3V d.c.)

Green Wire

0V Supply

Red Wire

+ve Supply (7.5-15v dc)

TECHNICAL SPECIFICATION:

Optical Range

25 - 500 mm

Optical Angle

45 degrees

Optical System

Red LED

Power Source

7.5-15v dc

Analogue Output

0 - 3V for 0 to 10,000 rpm

Update Time

Once per pulse

Speed Range

0 - 10,000 rpm

Accuracy

< 0.5%

Resolution

± 5 rpm

N.B.

Only connect the two 0 volts wires (black and green wires) and the measurement voltmeter 0v together at the Power Supply. This is to prevent any voltage drop along the 0 volts conductor causing a d.c. offset on the Output.