

INSTRUCTIONS

INSTRUMENT TYPE:

VLS/DA1/LSR

TERMINATION:

Black wire	Output 0V
White wire	Output (0 - 6V d.c.)
Green wire	0V Supply
Red wire	+ 7.5V - 15 d.c.
Blue wire	Connected to 0V Supply = Range 1 (06000) Not connected = Range 2 (0-60,000)

TECHNICAL SPECIFICATION

Optical Range	50 - 2000 mm
Optical Angle	± 80 degrees
Optical System	Laser Class II
Power Source	7.5- 15V Volts d.c. 50mA
Analogue Output	0 - 6V for 0 to 6,000 RPM (Range 1) 0 - 60,000 (Range 2)
Update Time	once per pulse
Speed Range	50 - 60,000 RPM
Accuracy	< 0.75%
Resolution	± 1.5 RPM (Range 1) ± 15 RPM (Range 2)

N.B.

Only connect the two 0 volts 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.

Part No. 13692 -ISS3

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