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WARNING
LASER RADIATION
DO NOT STARE INTO BEAM
CLASS II LASER PRODUCT

INSTRUCTIONS

INSTRUMENT TYPE:

VLS/DA1/LSR/002

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 (50-6000)
	Not connected = Range 2 (500-60,000)
Yellow Wire	Pulse Output 0-5v

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.