

## Advent Laser Tachometers A2108/LSR Analogue or RS232 output

These non-contact Laser data instruments are designed to provide short term continuous monitoring of rotational speeds or linear rate with our optional Contact Adaptor accessory type A2100/01.

The voltage output on the A2108/LSR Analogue Output version provides 1mv/rev = 6vdc @ 6000 rpm.

The A2108/LSR/232 version provides direct serial data output to your PC, a serial cable & a CD with Logging software is supplied with this model.

The A2108/LSR version is switched On manually, using the continuous mode feature. option, provided continuous measurement is taking place the Probe will remain in the ON mode. An Auto OFF feature provides shutdown if no activity is logged for 1 minute.

### Two models - Analogue or RS232 outputs

- Long optical range - up to 2 metre (6ft)
- Very wide speed range - up to 60,000rpm
- Self powered - integral AAA batteries
- Remote Power On/Off control on RS232 version
- Optical & Contact measurement (with Adaptor)
- Hand held, bracket or tripod mounting
- Supplied with own carry case

#### General Specification

##### Model A2108/LSR

Speed ranges	
Range I.	100 - 6000 rpm
Range II.	1000 - 60,000 rpm
Range select	Up Arrow = I. Down arrow = II.
Output signal	Analogue 0.1-6vdc both ranges
Accuracy	+/- 0.5% resolution 1.5mV
Zero offset	Max. 6mV Analogue version
Update time	Time of one rev or 1millisecond
Controls	2 x Press to Measure buttons One Continuous Mode button

#### General Specification

##### Model A2108/LSR/232

Speed range	100 - 60,000 rpm continuous
Accuracy	+/- 0.1%
Resolution	+/- 1.5 rpm
PC Software	CD supplied
Connections	1m Cable + Serial plug

#### Both models

Optical Range	Up to 2m (6ft)
Optical Angle	+/- 80 Degrees
Light source	Laser Class II 635nm
On Target ind.	Green LED
Power	4 x AAA batteries - supplied
Connections	Binder connector + 1m cable
Mounting:	Camera bush fitted



Order codes	Description
A2108/LSR	Analogue output
A2108/LSR/232	Serial output