

Advent Laser tachometer dataprobes A2108/LSR

Two models - Analogue or RS232 Outputs

- Long optical range - up to 2 metre (6ft)
- Direct rpm reading 1mv/rev or RS232 data
- Very fast response - 1 millisecond
- Optical & Contact measurement (with Adaptor)
- Very wide speed range - up to 60,000rpm
- Remote Power On/Off control on RS232 version
- Hand held, bracket or tripod mounting
- Self powered - integral AAA batteries

These non-contact Laser Dataprobes 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.

Supplied complete with mounting bush, Output cable, instructions, batteries, reflective tape and carrycase.

CD PC Software included with RS232 version



Order codes	
A2108/LSR	- Analogue output
A2108/LSR/232	- Serial Output
A2100/01	- Contact Adaptor



Tripod mount shown



Optional Contact Adaptor rpm & Metres.min



Technical 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
Model A2108/LSR/232	
Speed range	- 100 - 60,000 rpm continuous
Accuracy	- +/- 1 rpm RS232 version
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
Carrycase	- Supplied
Option	- Contact Adaptor Code A2100/01