

A2108/LSR/232 Optical-Contact Laser Tachometer with RS-232 Serial Output Datasheet

The A2108/LSR/232 Optical-Contact Laser Tachometer with RS-232 Serial Output are data instruments designed to provide short term continuous monitoring of rotational speeds or linear rate with the A2100/01 Advent Contact Adaptor, the voltage output for the A2108/LSR Analogue Output version provides 1mv/rev = 6vdc @ 6000rpm. The A2108/LSR/232 version provides direct serial data output to your PC, RS-232 Serial Adaptor and a CD with Logging software is supplied with the A2108/LSR/232 model.

Features

- Long optical range – up to 2 metre (6ft)
- Very wide speed range – up to 60,000 rpm
- Self powered – integral AAA batteries
- Remote Power On/Off control on RS-232 Serial version
- Optical and Contact measurement with Adaptor
- Handheld, bracket or tripod mounting

Optional Accessories

A2100/02	Advent Carry Case
A2100/03	Mini Tripod Stand
A2100/09	Advent 2-Way Panhead Tripod
A2100/39	Magnetic Base
RT5	5 Metre Roll of Reflective Tape

Contact Adaptor

A2100/01	Advent Contact Adaptor
CDM1	Surface Speed Tyre & Wheel Assembly
CDM2	Surface Speed Tyre
CDR2	RPM Rubber Cone
A2100/07	Advent Contact Adapter & 20cm Ribbed Wheel
A2100/08	Advent Contact Adapter & 20cm Smooth Wheel



Advent Handheld Tachometers

Specifications

Speed Range	100 - 60,000 rpm continuous
Resolution	+/- 1 rpm
Accuracy	+/- 0.1%
Connections	RS-232 Serial
Capture Mode	0.1 seconds
Controls	On, Invert, Capture, Ratio
Optical Range	50 - 2000mm
Optical Angle	+/- 80 Degree
Light Source	Red Laser Class II 635nm
On Target Indicator	Yes
Signal Indicator	Yes
Power	4 x AAA batteries
Mounting	Camera bush fitted