


PRODUCT DATA SHEET

DATE	Feb 2009	PRODUCT REFERENCE	P04-34 PL538
SUBJECT	SPEED INPUT MODULE		

Overview		<p>Objective To pre-condition signals from magnetic speed pickups in order to produce an output of constant amplitude and reduce the effects of electro-magnetic interference and mechanical inconstancies.</p> <p>Input 2 off Magnetic speed pickups</p> <p>Functions Band-pass filtering Slew-rate limiting Galvanic Isolation between inputs and outputs</p> <p>Output 2 off Low Impedance square-wave LED indication for Power and Signal</p>
Dimensions		110mm x 100mm x 22mm Din rail mounted housing
Weight	100g	
No. of Channels	2	
Environmental Protection	IP55	
Operating Temperature Range	-10°C to 65°C	
Supply Voltage	18 to 30 V(dc)	
Power Dissipation	5W	
Input Signal Amplitude	200mV to 100V (p/p)	
Input Frequency	20Hz to 12.0KHz	
Band-pass Filter	20Hz to 12.0KHz 20db/Decade	
Isolation	200V	
Slew-Rate Limit	1500 rpm/sec	
Output	Open Collector, 5V(dc) to 28V(dc) 20mA	
Conformance	This product complies with the CE requirements and conforms to the requirements of European Directives :- Low Voltage Directive No 73/23/EEC EMC Directive no 89/336/EEC	

PRODUCT DATA SHEET

DATE	Feb 2009	PRODUCT REFERENCE	P04-34 PL538
SUBJECT	SPEED INPUT MODULE		

Connection Details

diagram showing typical connection to a Rockwell CFM module

