

# RECORD Generators & Alternators



## AC TRANSMITTERS

MANUFACTURED TO MOD STANDARDS

### APPLICATIONS

- Suitable for wide variety of rotary linear speed measurement/control
- Industrial Process System
- Diesel Engines

### CONSTRUCTION

- Cast Aluminium Housing as Standard
- Gunmetal alternative for hazardous environments

### DRIVING TORQUE

600 grm cm for single phase  
150 grm cm for three phase

### OUTPUT OPTIONS

OUTPUT	MAX LOAD
AC 1v/100 rpm	60 mA
AC 5v/100 rpm	10 mA
AC 0,5v/100 rpm	20 mA
DC 2,5v/100 rpm	4 mA

(Three phase rectified)  
Multiple receivers can be used with each transmitter

### OPERATING SPEED LIMIT

1v/100 and 5v/100rpm	800 - 8000 rpm
0,5v/100 rpm	800 - 7500 rpm
2,5v/100 rpm (Rectified)	275 - 3000 rpm

### GEARBOX RATIOS

HD 1: 5-22, 1: 10-2  
LD 1: 2, 1:4, 1:6



## DC TRANSMITTERS

MANUFACTURED TO MOD STANDARDS

A tachometer Transmitter (Tachogenerator) connected to a Receiver (Tacho Indicator) Makes a Tachometer System for the measurement, monitoring and control of speed.

„Record“ style permanent magnet self exciting transmitters are AC or DC generators which, when mechanically driven, produce an out put value proportional to speed.

### ACCURACY

Combined accuracy is 15% of full scale indication tested at 20°C+5°C. For temperature range 0 - 35 °C the above accuracy, is doubled.

### APPLICATIONS

- Heavy Duty Marine/Offshore/ Steel works
- Bi-directional forward/reverse controls

### CONSTRUCTION

- Heavy duty cast Aluminium housing
- Impregnated for water-tight models
- Parallel or tapered Shaft available
- WT (Admiralty patern) able to withstand water immersion to a depth of 4,5m
- WT Base Mounted to depth of 1m

### OUTPUT OPTIONS

DC 5v/100 rpm  
DC 10v/100 rpm  
All models have limiting resistance located in the terminal box. By selecting the appropriate resistance value, up to 5 receivers may be operated from each generator (5v/100 rpm output only).

NUMBER OF RECEIVERS CONNECTED	1	2	3	4	5
VALUE OF LIMITING RESISTANCE $\Omega$	1840	880	560	400	305

### OPERATING SPEED LIMITS

200 - 5000 rpm direct drive  
200 - 2000 rpm for non direct drives

