SERIES RR25

Dynapar[™] brand

Heavy Duty Rate Indicator

Key Features

- Ball Bearing-less, Hub-Shaft Design with Clamping Collar and Tether
- Encapsulated Electronics Ideal For Wet and Dirty Conditions
- Corrosion Resistant Construction Resists NPK, Diesel Fuel, Gasoline Acetone and Toluene
- Magnetic Sensor Uses Proven Hall-IC Technology







This product has been discontinued and replaced by the AG25 series. Please visit www.dynapar.com for more information

SPECIFICATIONS

STANDARD OPERATING CHARACTERISTICS	MECHANICAL	ENVIRONMEN
Cada Ingramental Magnetia	Hub Shaft Bore Diameter: 1" or 1-1/8"	Operating Ten
Code: Incremental, Magnetic Pulses per Revolution: 180, 360 or 512 PPR	Hub Shaft Bore Tolerance: Nominal +.0005"/+.0015"	Storage Temp
Format: Single Channel Symmetry: 180° ± 90°	Starting Torque: 7 oz-in Maximum	Vibration: 100
	Shaft Fixing: Stainless Steel Split Clamp	Shock: 50G, 6
	Shaft Speed: 500 RPM Maximum	Humidity: Up
ELECTRICAL	Mating Shaft Length: 1" Minimum	Enclosure Rat
Input Voltage: 5-28VDC (up to 32VDC overvoltage	Mating Shaft Runout: .005" TIR Maximum	IP66/IP67
protection)	Mating Shaft Endplay: ±.025" Maximum	
Current Draw: 50mA Maximum (not including	Housing Material: PBT Thermoplastic Resin	
output load)	Hub Shaft Material: Stainless Steel	
Output:	Weight: 1.6 lbs	
HD7 Push-Pull Differential Line Driver: 100mA sink		

ENVIRONMENTAL
Operating Temperature: -20°C to +85°C
Storage Temperature: -40°C to +85°C
Vibration: 10G, 5-2000 Hz
Shock: 50G, 6ms duration
Humidity: Up to 98% (non-condensing)
Enclosure Rating (electronic components):

ELECTRICAL CONNECTIONS

7273 Open Collector: 40mA

Frequency Response: 5kHz Maximum

Noise Immunity: Tested to EN61326-1

Electrical Immunity: Reverse polarity and short

or source

circuit protected

Encoder Function	Pin	Wire Color	
VCC	Α	RED	
СОМ	В	BLK	
SIC	С	WHT	

Termination: Cable, Radial Exit with Connector



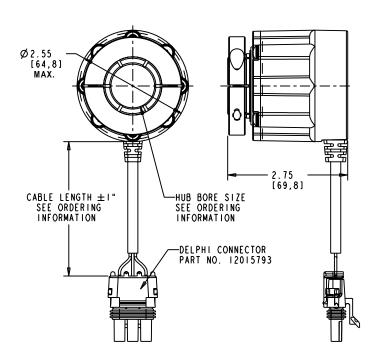
SERIES RR25

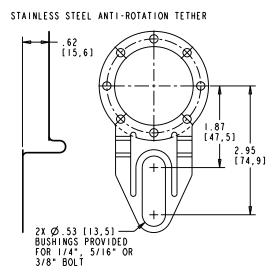
Ordering Information

To order, complete the model number with code numbers from the table below:

Code 1: Model	Code 2: PPR	Code 3: Hub Bore	Code 4: Output	Code 5: Termination	
RR25					
Ordering Information					
RR25 2.5" Rate Indicator	0180 0360 0512	H 1" J 1-1/8" K 3/8" x 0.9"L male shaft extension	HD7 type Push-Pull 7273 Open Collector	A 18" Radial Cable w/ 3-pin Delphi connector C 36" Radial Cable w/ 3-pin Delphi connector D 60" Radial Cable w/ 3-pin Delphi connector	

DIMENSIONS inch [mm] **TOLERANCES: ± .02 [0,5]**







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