

SERIES RR25

Dynapar™ brand

Heavy Duty Rate Indicator

Key Features

- Magnetic Sensor
- Sealed Electronics
- Hub Shaft Mounting
- Corrosion-Resistant Construction
- Specific Design for Ag Industry



SPECIFICATIONS

STANDARD OPERATING CHARACTERISTICS

Code: Incremental

Pulses per Revolution: 180, 360 or 512

Symmetry: 180° ± 90°

ELECTRICAL

Input Voltage: 5-28VDC (up to 32VDC overvoltage protection)

Current Draw: 50mA Maximum (not including output load)

Output: HD7 Push-Pull or 7273 Open Collector

Termination: Cable, Radial Exit with Connector

MECHANICAL

Housing Material: PBT Thermoplastic Resin

Hub Shaft Material: Stainless Steel

Hub Shaft Bore Diameter: 1" or 1-1/8"

Hub Shaft Bore Tolerance: Nominal +.0005"/+.0015"

Starting Torque: 7 oz-in Maximum

Shaft Fixing: Stainless Steel Split Clamp

Shaft Speed: 500 RPM Maximum

Mating Shaft Length: 1" Minimum

Mating Shaft Runout: .005" TIR Maximum

Mating Shaft Endplay: ±.025" Maximum

ENVIRONMENTAL

Operating Temperature: -20°C to +85°C

Storage Temperature: -40°C to +85°C

Enclosure Rating (electronic components):
IP66/IP67

Vibration: 10G, 5-2000 Hz

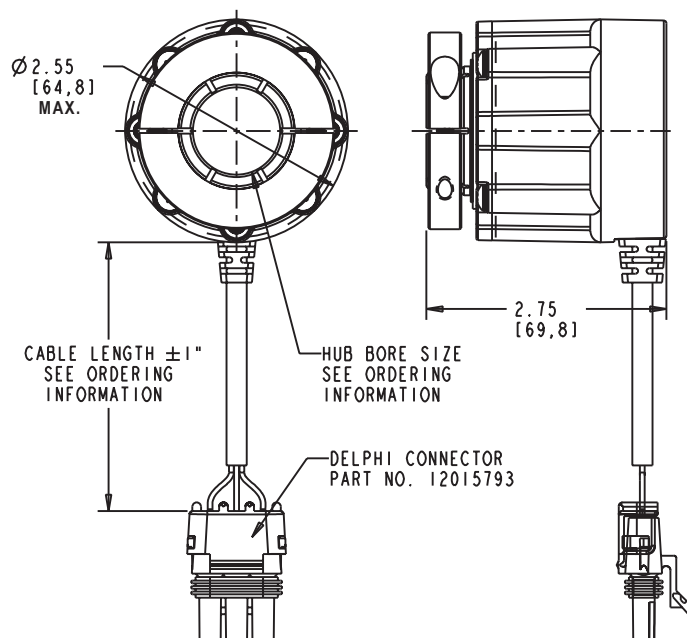
Shock: 50G, 6ms duration

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 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ordering Information | | | | |
| RR25 2.5" Rate Indicator | 0180 0360 0512 | H 1" J 1-1/8" K Ø3/8" x 0.9"L male shaft extension | 0 HD7 type Push-Pull 1 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]



STAINLESS STEEL ANTI-ROTATION TETHER

