



RotaRead Model RMLL-CU-CF



RotaRead (Dual Pulse Output)  
Installed on B3 TC Index

- ❑ Fits Roots Rotary B3 Style Meters
- ❑ Standard Conduit Connection
- ❑ 1/2" NPT Output Connection for Conduit
- ❑ Standard 2 Pulses/revolution

Meter Type	Resolution Available
Roots Models 8C – 11M	Single Pulse Output: <ul style="list-style-type: none"> <li>• Un-corrected: 5 cu ft/pulse 2 pulses/revolution</li> <li>• Temp.Corrected: 50 cu ft/pulse 2 pulses/revolution</li> </ul>
Roots Models 16M – 56M	Dual Pulse Output: <ul style="list-style-type: none"> <li>• Un-corrected and Corrected</li> </ul> Single Pulse Output: <ul style="list-style-type: none"> <li>• Un-corrected: 50 cu ft/pulse 2 pulses/revolution</li> <li>• Temp.Corrected: 50 cu ft/pulse 2 pulses/revolution</li> </ul> Not available on 23M - 56M
	Dual Pulse Output: <ul style="list-style-type: none"> <li>• Un-corrected and Corrected</li> </ul>

**Temperature:** Operational from -40° to +240°F

**Moisture:** Operational to 100% humidity: Case is plated to protect from corrosion; all electronics are potted.

**Maximum switching voltage D.C.:** 200 volts

**Maximum switching current D.C.:** .5 amps

**Maximum switching watts D.C.:** 10 watts

**Minimum voltage breakdown D.C.:** 220 volts

**Contact resistance:** 0.2 ohms

**Open circuit resistance:** > 100,000,000 ohms

**Maximum rate contact closure:** 1.33 pulses/sec

**Maximum bounce time:** 0.2 ms max.

**Resistance:** 100 ohms standard electric throughput resistance for interference suppression. Custom series and parallel values available.

**De-Bounce:** RIO Tronics recommends a 1 sec. debounce at host recorder's front end input for all **RotaRead** products.

**Patent#** 4008458. Additional patents pending. RIOTronics Corp. reserves the right to modify features and specifications without notice.

**Wire Tamper Detection:** RIOTronics provides various end of the line circuitry at the Form A switch to enable detection of breaks or shorts - please contact the company for custom solutions