



RYSCO ER TRANSMITTERS

The **RYSCO Electrical Resistance (ER) Transmitters** are designed to provide accurate electrical resistance measurements from all types of ER corrosion probes and transfer that data through wired or wireless monitoring networks. The transmitters provide the same data accuracy as the Rysco ER Data Logger via a simple interface and are easily configured via the revolutionary Rysco Smart Base. The Rysco Smart Base is easily programmable via the Rysco Utility Software and interfaces with the Rysco Transmitters to send out corrosion measurements.

SPECIFICATIONS

- ▶ Maximum Operating Temperature of -40°C (-40°F) to 85°C (185°F)
- ▶ Transmitter has visible LED status indicators for OK, WARNING, AND ERROR
- ▶ Configuration software is plug and play for Windows 10 and newer
- ▶ Automatic recovery from power supply or operation failure
- ▶ Compatible with all manufacturers of ER probes
- ▶ Hazardous area certification
- ▶ Multidrop capability on most models for seamless communication between multiple transmitters

TRANSMITTER ENCLOSURE RATINGS

- ▶ UL and CSA certified for use in Class I, Groups A,B,C, and D
- ▶ UL and CSA certified for use in Class II, Groups E,F, and G and Class III
- ▶ UL and CSA certified for Class I, Zone 1, AEx db IIC
- ▶ DEMKO 01 ATEX 015742U
- ▶ 2813 II 2 G D
- ▶ Ex db IIC Gb
- ▶ Ex tb IIIC Db IP66
- ▶ IECEx UL 14.0071U

Model	Rysco ER Transmitters				
RTMT-ER	Wired Transmitters				
	20-HP WRD-H7-HP WRD-MOD-HP WRD-485-HP WLS-ISA-BATT WLS-H7-BATT	4-20mA, Hard-wired HART7, Hard-wired Modbus, Hard-wired RS485, Hard-wired ISA100, Wireless, Battery Powered HART, Wireless, Battery Powered			
		Probe Cables			
		10 CUSxxx	101 (Standard Length) Custom (xxx as Length)		
				Accessories	
				RDL-SUN-ACR-HKBX-01 X	Sun Shade None
				Rysco ER Transmitters Order Code	

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