

GENERAL

The Electrical Resistance (ER) Signal Transmitter is a field instrument designed to gather and transmit data from ER Probes mounted in the process system. This 2 wire, 4-20 mA output signal transmitter is suitable for use with most types of ER probes.

It is ideal for connecting multiple monitoring points into a Distributed Control System (DCS) or dedicated receiver, which can then be linked directly to a control room, offering centralized monitoring capabilities.

Supplied in a NEMA 4 weather and explosion proof enclosure, the ER Signal transmitter is designed to operate and communicate on a 24 Volt, isolated power supply via a single twisted-pair cable. This eliminates the need for a heavy interface cable.

SPECIFICATIONS

Enclosure	NEMA 4 - Class 1, Groups B, C and D
Supply Voltage	14-32 v DC Isolated
Output	4-20 mA
Ambient Temperature Range	0°F to +140°F (-18°C to +60°C)
Resolution	± 0.4%
Weight	4 lbs (1.8 kg)
Probe Cable Length	5 Feet (1.5 meters)



The ER Signal Transmitter comes equipped with a mounting bracket and operating manual.

Caproco Part Number **53151**