



HIGH RESOLUTION TRANSMITTER



High Resolution Online Transmitter

The Axess Transmitter is a high resolution, multi-functional on-line corrosion monitoring instrument. The high-resolution, 20-bit measurement provides fast response, obtaining corrosion rates in hours instead of days. The transmitter is multi-function and can read all types of Electrical Resistance (ER), Linear Polarization Resistance (LPR) and Galvanic probes. The transmitter can be direct mounted at the probe location using a probe adapter or remote mounted nearby. The AX-DG transmitter offers simple installation and a flexible approach to communications allowing seamless integration and availability of corrosion monitoring data. Configuration is simple, using dipswitches to select probe type, transmitter address and other settings.

The transmitter is available in weather-proof stainless-steel or flameproof copper-free aluminum enclosures.

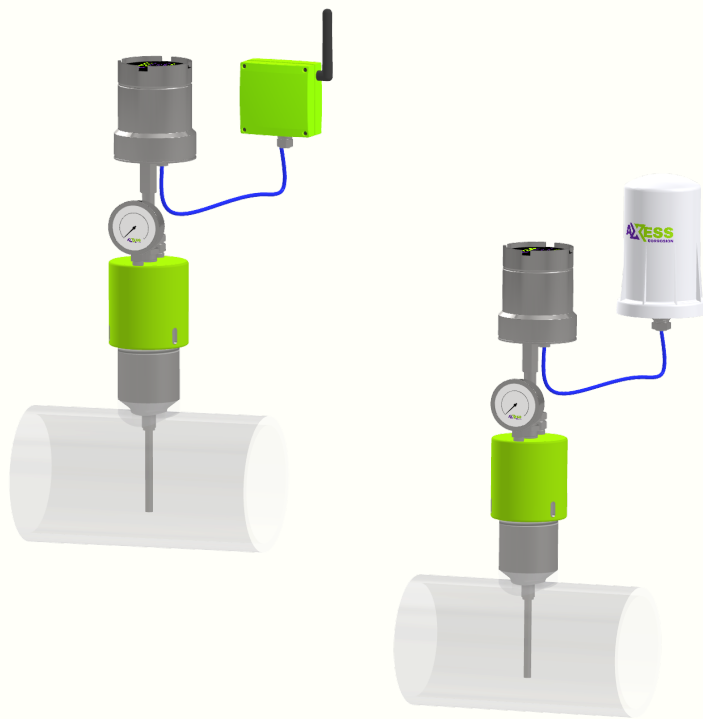
USE WITH ER, LPR AND
GALVANIC PROBES

DIRECT AND REMOTE
MOUNTING OPTIONS

SIMPLE FIELD
CONFIGURATION

FLEXIBLE
COMMUNICATIONS

RAPID RESPONSE TO
CORROSION AND
EROSION



WIRED COMMS:
RS485 MODBUS
4-20MA
4-20MA WITH HART

WIRELESS:
WIRELESSHART
CELLULAR LTE
SATELLITE

Technical Specifications

Probe Type:	Electrical Resistance (ER) Linear Polarization (LPR) Galvanic
Range:	ER: 0 - 100% of Probe Life LPR: 0 - 200 mpy Galvanic: 0 - 1,000µA Potential: 0 - 2V
Resolution:	0.0001% of Probe Life (20 bits)
Accuracy:	+/- 0.1%
Min. Cycle Time:	1 minute
Temperature Range:	-20°C to +70°C (-4F to +158F)
Power Supply:	10 - 35 VDC
Enclosure Material:	Stainless Steel or Flameproof Copper Free Aluminium
IECEX:	Ex ia IIC T4 Ga/Gb
ATEX	Ex II 1/2 G Ex ia IIC T4 Ga/Gb
Ingress Protection:	IP66

AXESS

www.axess-corrosion.com

Contact an Axess Expert for Further Information