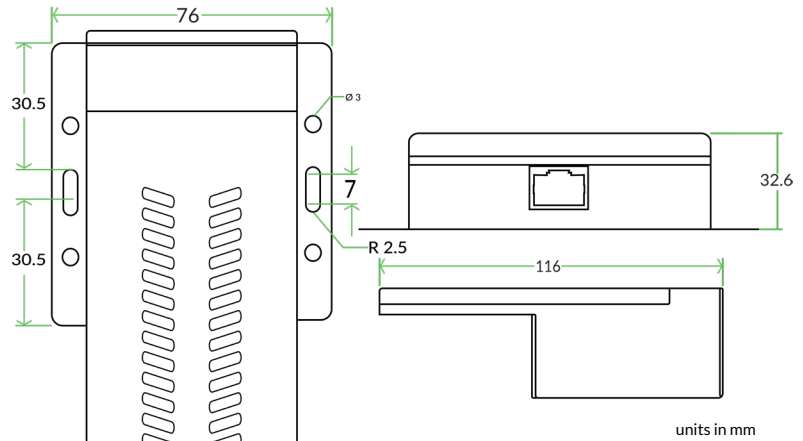




Atmospheric Corrosion Sensor (ENV-CORROSION)



This non-intrusive plug & play corrosion sensor empowers users in mission-critical industries to effectively monitor atmospheric corrosion levels in real time and to compute the G level classification of the monitored infrastructure.

Sensor Metrics:

Unit	Angstrom (Å)
Sensor accuracy	± 0.5%

Technical Specifications:

Logging	Continuous
Design standard	ANSI / ISA 71.04-2013
Powered by and communicates with	Base Unit (BASE-WIRED) (required)
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Sensor power usage	260mW
Probe life span	6000 Angstrom (Å) (for either copper or silver)

Environmental Specifications:

Operating temperature range	0°C to +75°C (+167°F)
Humidity (operating and storage)	< 90% rH (non-condensating)

Physical Specifications:

Sensor material	High grade solid Sterling Silver with purity 999
Sensor enclosure	Plastic industrial grade enclosure
Mounting option	OU rack, DIN rail or wall mountable sensor
Dimensions	76 mm (3") x 116 mm (4.6") x 32.6 mm (1.3")
Weight	48g (0.107lbs)