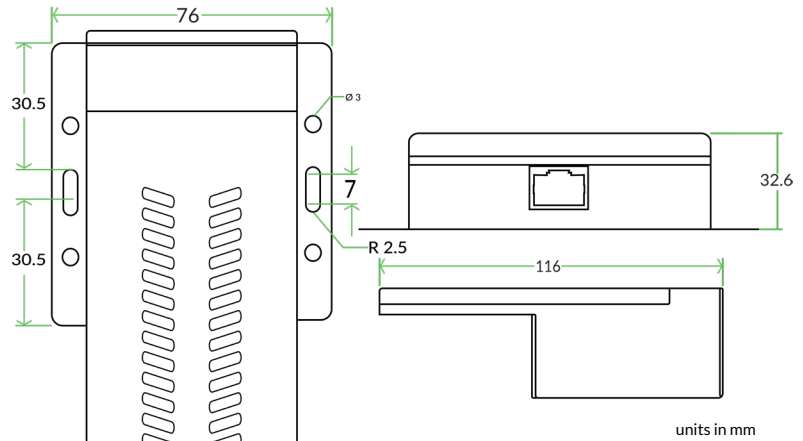




# Atmospheric Corrosion Sensor (ENV-CORROSION)



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:

|                  |            |
|------------------|------------|
| Silver corrosion | Å Angstrom |
| Copper corrosion | Å Angstrom |

### Technical Specifications:

|                                  |  |
|----------------------------------|--|
| Design standard                  | ANSI / ISA 71.04-2013  |
| Powered by and communicates with | Base Unit (BASE-WIRED) <b>(required)</b>   |
| Connectivity                     | RJ45 cable transmitting data & power from Base Unit to Sensor                          |
| Cable specification              | RJ45 CAT 6/7 recommended<br>Up to 100m (330ft) subject to cable quality & interference |
| Sensor power usage               | 260mW  |

### Environmental Specifications:

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

### Physical Specifications:

|                  |   |
|------------------|---|
| Sensor enclosure | Plastic industrial grade enclosure          |
| Mounting option  | 0U 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)                              |