



## Real-time data delivered to your network.

Microcor® wired transmitter is based on COSASCO®'s flagship corrosion and erosion measurement technology.

### Microcor® Wired Transmitter Benefits:

- Available with online configuration
- Rated for hostile environments and approved for hazardous locations
- Specially designed circuitry for optimized noise reduction

## Specifications

### Transmitter Model MT-9485A

#### Accuracy

Less than 0.001 mil (dependent on probe)

#### Real World Speed of Response

- 1 mpy = 8 hrs 20 mins
- 2 mpy = 4 hrs 10 mins
- 5 mpy = 1 hr 40 mins
- 7 mpy = 1 hr 12 mins
- 10 mpy = 50 mins

#### Power supply

10-32 VDC at the transmitter

#### Current consumption

24VDC typical 17 mA

#### Communication

- RS 485 two-wire
- Up to 32 transmitters per field cable run

#### Ambient temperature range

-40C to +70C (-40F to +158F)

#### Enclosure

NEMA 7 and IP 66/ NEMA 4X  
 Aluminum (Standard)  
 Stainless Steel (optional)

#### Weight

3.5 lbs (1.6 Kg)



Wired Transmitter on an Access Fitting

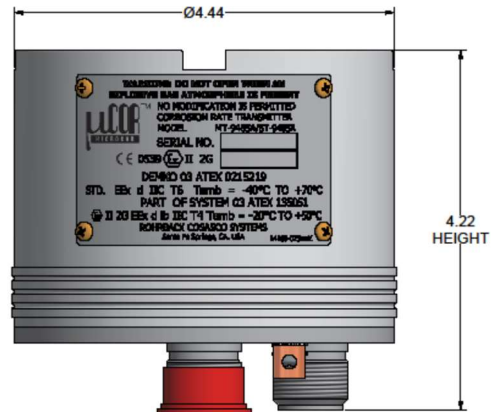
## Hazardous Area Certifications

#### ATEX certification

DEMKO 03 ATEX 0215219  
 Ex II 2G EEx d IIC T6

#### North American Certifications

UL Certification: 20140613-E62616  
 USL Class 1, Zone 1, AEx d IIC  
 CNL Class 1, Zone 1, Ex d IIC



## Ordering Information

### Transmitter

P/N MT-9485A – Microcor Transmitter, RS-485, Aluminum Cover

P/N MT-9485A-SS – Microcor Transmitter, RS-485, Stainless Steel Cover

### Probe to Transmitter

P/N 745092 – Probe Adapter for M2000 and M3000 series  
Fixed and Retractable Probes

P/N 745093 – Probe Adapter for M4000 series High Pressure  
(COSASCO®) Probes

P/N 745093H – Probe Adapter for M4000 series High Pressure  
(Cosasco®) Probes & Hydraulic A/F's.

P/N 745114 – High pressure probe adapter for M4000 high  
pressure probes. ( 10,000 PSI max.)

P/N 748223-6 – Probe to Transmitter Cable Assembly (UL/CSA)

P/N 748224-6 – Probe to Transmitter Cable Assembly (ATEX)