



# PIPE TRACKER2

## Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2, ISO 18000-63
- **Frequency** 902-928 MHz (US); 865-868 MHz (EU)
- **IC type(chip)**<sup>1</sup> NXP UCODE 9
- **Chip memory** 96 bits EPC; 96 bits TID
- **Write cycles** 100,000
- **Data retention** 20 years
- **Read range** handheld<sup>2</sup> Up to 6 ft (1.83 m)
- **Polarization** Linear



## Applications

- Oil & Gas surface pipe

## Environmental Specifications

### Temperatures



- **Operational** -40°C to +85°C  
-40°F to +185°F
- **Survival** -40°C to +150°C  
-40°F to +302°F

- **IP rating** IP68
- **Shock** 3 ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

<sup>1</sup>The chip data retention is up to 20 years, based on chip operating under general environment conditions.

<sup>2</sup>On metal.

<sup>3</sup>The chemical resistance is based on the concentration of solutions and application environment. Please contact Xerafy for further details on chemical resistance.

## Physical Specifications

- **Material** 304 stainless steel, PCB
- **Dimensions (in)**<sup>1</sup> 1.82 x 0.98
- **Dimensions (mm)**<sup>1</sup> 46.23 x 24.89
- **Thickness (in)**<sup>1</sup> 0.33
- **Thickness (mm)**<sup>1</sup> 8.38
- **Weight** 1.45 oz (41 g)

<sup>1</sup>Tolerance: +/- 0.004; +/- 0.100

## Mounting Systems

- Metal Band 0.625" wide MAX

## Industry Compliance



## Order Information

PIPETRACKER2 US: X4624-US100-U9

PIPETRACKER2 EU: X4624-EU100-U9

## Customization Options

Encoding

ATEX Certified Version

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