

CD52-Bandit

Non-Intrusive Pig Passage Indicator



Specifications

Length: 20.0 Inch (508 mm)
Height: 19.1 Inch (486 mm)
Width: 7.6 Inch (193 mm)
Weight: 25 lbs (11.3 KG)
Temperature: -50° F (-45° C) to 176° F (80° C)



Easily attaches to the outside of the pipeline, records the 10 most recent pig passages and the remote indicator is viewable from up to 100 meters.

With over ten years of production and thousands of problem-free units in the field, the CD52 Bandit has a proven track record of providing a simple, reliable, durable and non-intrusive means of detecting and recording pipeline pig passages in the world's most harsh environments.

Once placed on the pipeline, CDI's patented noise-cancelling antenna immediately begins scanning for both transmitter and permanent magnet equipped pipeline pigs. When a pig passage is detected by the system operators are notified simultaneously through the LCD display which shows dates and times, and relay outputs which can be interfaced to PLCs, SCADA, lights and horns.

With marine-coated stainless steel as an option and an explosion-proof rating on every single system, the CD52 can be used throughout your pipeline system regardless of environment.

- Completely non-intrusive to the pipeline requiring no hot tapping or product interruption for installation
- Certified explosion-proof ATEX rated enclosure is standard
- Bi-directional pig detection
- Detection of both transmitter and permanent magnet equipped pigs
- Operational temperature range as wide as -45°C to +80°C with optional heater
- Can be installed above ground on exposed pipe or below ground on buried pipe; height of unit for buried applications is customer-specified
- Designed for permanent or temporary use both on and off-shore
- Flash memory holds the 10 most recent pig passage dates and times
- Powered for one full year on two off-the-shelf D-Cell Alkaline batteries, or can utilize client's +24VDC remote power
- Easily bands to pipelines from 2" to 60"
- Works with wall thicknesses up to 1.5 inches
- Both Normally-Open and Normally-Closed isolated relay outputs are available for interfacing to SCADA, PLCs, and Satellite Radios
- Available in standard Aluminum or optional 316L Stainless Steel
- Remote Indicator System provides visibility to 100 Meters or from helicopters and light aircraft
- Optional Satellite Radio can send pig passage time, date and GPS location via email or SMS message
- Warranted for one year for materials and workmanship