

# CD42-T1A Pig Location and Tracking Transmitter for 8–28 in. [203–711 mm] Pipelines



Manufactured to exacting tolerances by CDI, the CD42-T1A is a durable stainless steel transmitter that can be mounted in or on almost any type of pipeline pig. It is the transmitter of choice for 8–28 in. [203–711 mm] diameter pipelines.

Its rugged stainless steel housing is compatible with water, oil, gas, ammonia, carbon dioxide, chemical cleaning solutions, and just about any other substance commonly found in pipelines.

The CD42-T1A is guaranteed to operate for a minimum of 500 hours on six AA-Cell alkaline or lithium batteries. Programmable DELAY ON feature can be set for as long as six months.

A built-in computer allows you to easily switch between three stock transmission patterns. If you're tracking a train of pigs, the transmitter can be programmed to create any number of unique and easily identifiable patterns.

Pipeline Sizes:	8 – 28 in. [203 – 711.2 mm]
Pressure, max :	2,500 psi [172 bar]
Dimensions:	10.19 in. x 2.0 in. [258.8 x 50.8 mm]
Battery:	AA-cell (6) Alkaline or Lithium
Battery Life:	Standard pulse: 500 hrs (Alkaline Batteries) Skip-one pulse: 678 hrs (Alkaline Batteries) Standard pulse 1,000 hrs (Lithium Batteries)
Material:	304 Stainless Steel
Range, open air:	45 ft [13.7 m] (Alkaline Batteries) 65 ft [19.8 m] (Lithium Batteries)
Operating Temp:	– 40°F to 140°F [– 40°C to 60°C] (Alkaline Batteries) – 40°F to 158°F [– 40°C to 70°C] (Wide-Temp Lithium Batteries)
CDI Part No.	Transmitter: 81-03-0053-03 Replacement Flange Kit: 81-05-0051-00 Replacement O-ring Kit: 81-05-0010-00
Options:	CD42-T1A-SWX Pressure Activation Kit: 81-05-0084-00



TRAXALL family of transmitters are patent pending

# CD42 Pig Location and Tracking System with T1A Transmitter

Offered in several configurations, CDI's CD42 pipeline pig location and tracking system is the most sophisticated, accurate, and simplest to use in the world. This rugged design has proven itself time and again with over ten years of sales and rentals for customers from Alaska to Zimbabwe.

Designed from the ground up for the pigging industry, the CD42 pig tracking system features a bright, clear, graphical LCD display to easily reveal the distinctive pulsing patterns of passing pigs, and a simple graphical menu system allows an operator to access the more advanced features of the unit if he chooses.

Locating stationary or stuck pigs is just as easy. Simply walk the pipeline looking for the pulses emitting from the CD42-Tx family of transmitters, or hold the receiving antenna alongside the launcher or receiver.

The CD42's unique proprietary design allows it to reject much of the electromagnetic interference that competing equipment suffers from. The stop-and-go guesswork of pig tracking and locating is a thing of the past!



Shown here: CD42-K14 Single-receiver kit w/T1A transmitter; CDI Part No. 81-05-0072-00  
 Also available: CD42-K15 Dual-receiver ("leapfrogging") kit w/T1A; CDI Part No. 81-05-0073-00

## THE CD42-TX TRANSMITTER FAMILY

