

# TRAXALL X400 Programmable Multi-frequency Transmitters (ATEX-IECEX)

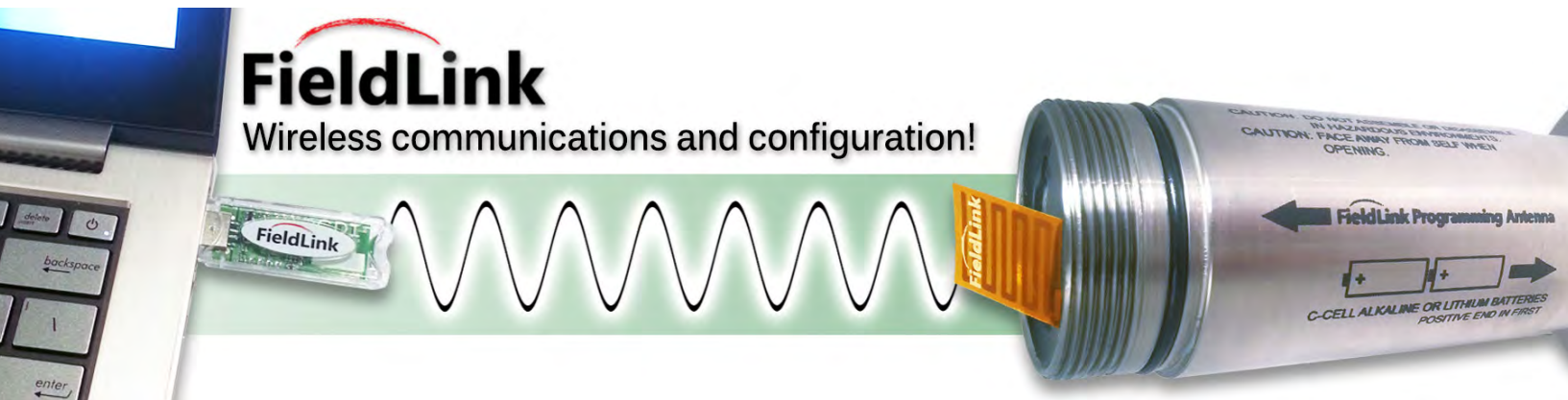


**CDI X400-Ex-SERIES TRANSMITTERS** offer the same programmable frequency and power control through CDI's proprietary FieldLink wireless communications system features that make our standard X400 programmable transmitters an industry leader, with the added benefit of ATEX rating for use in Zone 1 explosive environments.

**Frequency Control** allows you to configure the transmitter to one of TRAXALL's seven colored frequencies, or 22 Hz legacy frequency for backward compatibility with CDI's CD42 receiver or competitive receivers.

**Power Control** allows the operator to directly manage a trade-off between transmitter range vs. battery life. You can set output power to maximum for short runs/long range, or reduce output power for long runs/long battery life.

**FieldLink** is CDI's proprietary wireless communications network. Each X400 transmitter comes with a built-in radio frequency antenna. By connecting a supplied radio frequency USB key, any Windows PC or laptop can be used to configure a transmitter.



# TRAXALL X400 Programmable Multi-frequency Transmitters (ATEX-IECEX)



**X400-2D-Ex** For pipelines 12 – 28 in. [305 – 711 mm]  
 Batteries: D-Cell (2) Alkaline or Lithium  
 Dimensions: 6.7 x 2.50 in. [171 x 63.5 mm]



Battery Life/Range	Alkaline	Lithium
Maximum Range	Range: 44.1 ft [13.4 m]	56.1 ft [17.1 m]
	Constant: 697 hrs	527 hrs
	Pulsing: 2,096 hrs	1,582 hrs
Optimal Power	Range: 43.2 ft [13.2 m]	51.1 ft [15.6 m]
	Constant: 819 hrs	703 hrs
	Pulsing: 2,459 hrs	2,111 hrs
Maximum Life	Range: 23.1 ft [7 m]	30 ft [9.1 m]
	Constant: 2,112 hrs	2,267 hrs
	Pulsing: 56,887 hrs	57,435 hrs

**X400-3D-Ex** For pipelines 12 – 36 in. [305 – 914 mm]  
 Batteries: D-Cell (3) Alkaline or Lithium  
 Dimensions: 9.07 x 2.50 in. [230.5 x 63.5 mm]



Battery Life/Range	Alkaline	Lithium
Maximum Range	Range: 54.9 ft [16.7 m]	81.9 ft [25 m]
	Constant: 563 hrs	402 hrs
	Pulsing: 1,689 hrs	1,208 hrs
Optimal Power	Range: 53 ft [16.1 m]	75 ft [22.9 m]
	Constant: 684 hrs	578 hrs
	Pulsing: 2,052 hrs	1,735 hrs
Maximum Life	Range: 30.2 ft [9.2 m]	41.1 ft [12.5 m]
	Constant: 2,056 hrs	2,124 hrs
	Pulsing: 52,089 hrs	53,822 hrs

**X400-4D-Ex** For pipelines 14 in. [355 mm] and larger  
 Batteries: D-Cell (4) Alkaline or Lithium  
 Dimensions: 11.5 x 2.50 in. [291.5 x 63.5 mm]



Battery Life/Range	Alkaline	Lithium
Maximum Range	Range: 74.2 ft [22.6 m]	98.9 ft [23.2 m]
	Constant: 630 hrs	374 hrs
	Pulsing: 1,891 hrs	1,124 hrs
Optimal Power	Range: 71.1 ft [21.7 m]	90.5 ft [27.6 m]
	Constant: 769 hrs	527 hrs
	Pulsing: 2,309 hrs	1,581 hrs
Maximum Life	Range: 38.8 ft [11.8 m]	56.1 ft [17.1 m]
	Constant: 2,087 hrs	2,023 hrs
	Pulsing: 32,873 hrs	51,272 hrs

**X400-5D-Ex** For pipelines 16 in. [406 mm] and larger  
 Batteries: D-Cell (5) Alkaline or Lithium  
 Dimensions: 13.84 x 2.50 in. [351 x 63.5 mm]



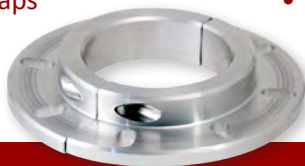
Battery Life/Range	Alkaline	Lithium
Maximum Range	Range: 77 ft [23.5 m]	110 ft [33.5 m]
	Constant: 656 hrs	482 hrs
	Pulsing: 1,968 hrs	1,447 hrs
Optimal Power	Range: 74.6 ft [22.7 m]	101.2 ft [30.9 m]
	Constant: 770 hrs	632 hrs
	Pulsing: 2,310 hrs	1,896 hrs
Maximum Life	Range: 42 ft [12.8 m]	59 ft [18 m]
	Constant: 6,258 hrs	2,101 hrs
	Pulsing: 52,846 hrs	53,218 hrs

## Standard Features

- Programmable frequency
- Pulse or continuous transmission
- Available for rent or purchase
- Flange kit for external mount
- Knurled & threaded caps
- One-year warranty
- Spare O-rings

## Specifications

- Pipeline sizes: 12 in. [305 mm] and larger
- Power: alkaline 1.5 V type D-cell batteries
- Operating Temp: -40°F to 140°F [-40°C to 60°C]
- Operating Pressure: 2,500 psi [172 bar]
- Material: 304L Stainless Steel



X400 Flange Kit

The TRAXALL family of transmitters is covered under United States Patent No. 9172406