

# TRAXALL X300 Programmable Multi-frequency Transmitters (ATEX-IECEX)

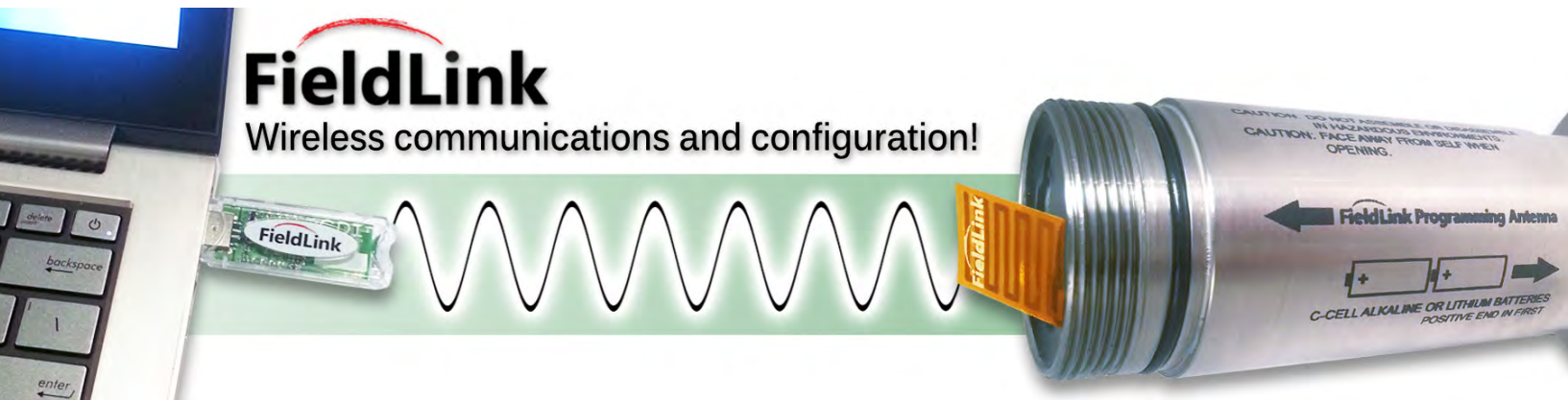


**CDI X300-Ex-SERIES TRANSMITTERS** offer the same programmable frequency and power control through CDI's proprietary FieldLink wireless communications system features that make our standard X300 programmable transmitters an industry leader, with the added benefit of ATEX rating for use in Zone 1 explosive environments.

**Frequency Control** allows you to configure the transmitter to one of TRAXALL's seven colorized 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 X300 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 X300-Ex Programmable Multi-frequency Transmitters (ATEX-IECEX)



**X300-2C** For pipelines 6 – 24 in. [152 – 610 mm]  
 Batteries: C-Cell (2) Alkaline or Lithium  
 Dimensions: 5.77 x 1.74 in. [146.43 x 44.2 mm]



**X300-3C** For pipelines: for 8 – 28 in. [203 – 711 mm]  
 Batteries: C-Cell (3) Alkaline or Lithium  
 Dimensions: 7.74 x 1.74 in. [196.6 x 44.2 mm]



**X300-4C** For pipelines 12 in. [305 mm] and larger  
 Batteries: C-Cell (4) Alkaline or Lithium  
 Dimensions: 9.61 x 1.74 in. [244.04 x 44.2 mm]



**X300-5C** For pipelines 14 in. [356 mm] and larger  
 Batteries: C-Cell (5) Alkaline or Lithium  
 Dimensions: 11.54 x 1.74 in. [293.24 x 44.2 mm]



## Specifications

- Pipeline sizes: 6 in. [152 mm] and larger
- Operating Temp: -40°F to 140°F [-40°C to 60°C]
- Operating Pressure: 2,500 psi [172 bar]
- Material: 304L Stainless Steel

X300 Flange Kit



## Standard Features

- ATEX-IECEX certified
- 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



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

Battery Life/Range	Alkaline	Lithium
Maximum Range	Range: 50.0 ft [15.2 m]	67 ft [20.4 m]
	Constant: 299 hrs	248 hrs
	Pulsing: 1,230 hrs	744 hrs
Optimal Power	Range: 32.5 ft [9.9 m]	41.4 ft [12.6 m]
	Constant: 466 hrs	315 hrs
	Pulsing: 1,400 hrs	947 hrs
Maximum Life	Range: 20.1 ft [6.1 m]	21 ft [6.4 m]
	Constant: 1,134 hrs	1,014 hrs
	Pulsing: 28,748 hrs	25,694 hrs

Battery Life/Range	Alkaline	Lithium
Maximum Range	Range: 62.8 ft [19.1 m]	75 ft [22.9 m]
	Constant: 102 hrs	48 hrs
	Pulsing: 306 hrs	146 hrs
Optimal Power	Range: 51.6 ft [15.7 m]	60.8 ft [18.5 m]
	Constant: 196 hrs	128 hrs
	Pulsing: 588 hrs	385 hrs
Maximum Life	Range: 30.0 ft [9.1 m]	38 ft [11.6 m]
	Constant: 969 hrs	732 hrs
	Pulsing: 24,568 hrs	18,564 hrs

Battery Life/Range	Alkaline	Lithium
Maximum Range	Range: 67 ft [20.4 m]	76 ft [23.2 m]
	Constant: 232 hrs	118 hrs
	Pulsing: 696 hrs	352 hrs
Optimal Power	Range: 60.0 ft [18.3 m]	72.7 ft [22.2 m]
	Constant: 266 hrs	187 hrs
	Pulsing: 798 hrs	561 hrs
Maximum Life	Range: 50.0 ft [15.2 m]	74.1 ft [22.6 m]
	Constant: 1,055 hrs	847 hrs
	Pulsing: 34,596 hrs	21,471 hrs

Battery Life/Range	Alkaline	Lithium
Maximum Range	Range: 73.7 ft [22.5 m]	90.9 ft [27.7 m]
	Constant: 277 hrs	132 hrs
	Pulsing: 832 hrs	398 hrs
Optimal Power	Range: 68.4 ft [20.8 m]	80.4 ft [24.5 m]
	Constant: 312 hrs	220 hrs
	Pulsing: 937 hrs	660 hrs
Maximum Life	Range: 36.3 ft [11 m]	51.1 ft [15.6 m]
	Constant: 1,000 hrs	877 hrs
	Pulsing: 35,098 hrs	26,293 hrs