

CDI 22Hz Transmitters



CDI TRANSMITTERS are manufactured in-house to exacting tolerances, operate on the principles of magnetics, and emit electromagnetic fields at a frequency near 22Hz. This makes the transmitters safe and reliable for use in any environment and any pipeline product.

CDI TRANSMITTERS have pressure housings that allow them to be mounted directly in or on a pipeline pig and can withstand pressures of up to 7,500 psi (517 bar).*

CDI TRANSMITTERS have an on-board computer that allows you to switch between three stock transmission patterns, or, if tracking a train of pigs, the transmitter can be programmed to create any number of unique and easily identifiable patterns.

CDI TRANSMITTERS are available in a wide variety of transmission ranges and sizes to fit every application. Pressure switch modules and flange kits are also available for most models.

NOW AVAILABLE AT



* T1AVHP model
TRAXALL family of transmitters are patent pending



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CDI 22Hz Transmitters

CD42-T0



Pipeline Sizes: 6 – 12 in.
 [152 – 305 mm]
Pressure, max : 2,500 psi [172 bar]
Dimensions: 7.56 in. x 1.625 in.
 [192.1 x 41.3 mm]
Battery: N-cell Alkaline (6)
Battery Life: Standard pulse: 168 hrs
 Skip-one pulse: 228 hrs
Material: 304 Stainless Steel
Range, open air: 39 ft [11.8 m]
Operating Temp: – 40°F to 140°F
 [– 40°C to 60°C]

CD42-T1A



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)
 Skip-one pulse: 678 hrs
 (Alkaline)
 Standard pulse 1,000 hrs
 (Lithium)
Material: 304 Stainless Steel
Range, open air: 45 ft [13.7 m] (Alkaline)
 65 ft [19.8 m] (Lithium)
Operating Temp:* – 40°F to 140°F
 [– 40°C to 60°C] (Alkaline)

CD42-T1AHP



Pipeline Sizes: 8 – 28 in.
 [203 – 711.2 mm]
Pressure, max : 4,000 psi [276 bar]
Dimensions: 9.926 in. x 2.0 in.
 [252.1 x 50.8 mm]
 3.125 in. [79.4] at flange
Battery: AA-cell (6)
 Alkaline or Lithium
Battery Life: Standard pulse: 500 hrs
 (Alkaline)
 Skip-one pulse: 678 hrs
 (Alkaline)
 Standard pulse 1,000 hrs
 (Lithium)
Material: 304 Stainless Steel
Range, open air: 45 ft [13.7 m] (Alkaline)
 65 ft [19.8 m] (Lithium)
Operating Temp:* – 40°F to 140°F
 [– 40°C to 60°C] (Alkaline)
Pressure Activation Kit: 15–3,000 psi [1–207 bar]
 (CD42-T1AHP-SWX)

CD42-T1AVHP



Pipeline Sizes: 8 – 28 in.
 [203 – 711.2 mm]
Pressure, max : 7,500 psi [517 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)
 Skip-one pulse: 678 hrs
 (Alkaline)
 Standard pulse 1,000 hrs
 (Lithium)
Material: Titanium
Range, open air: 45 ft [13.7 m] (Alkaline)
 65 ft [19.8 m] (Lithium)
Operating Temp:* – 40°F to 140°F
 [– 40°C to 60°C] (Alkaline)
Pressure Activation Kit: 15–3,000 psi [1–207 bar]
 (CD42-T1AHP-SWX)

CD42-T3



Pipeline Sizes: 2 – 8 in.
 [50.8 – 203.2 mm]
Pressure, max : 2,500 psi [172 bar]
Dimensions: 6.3 in. x 0.875 in.
 [160 x 22.23 mm]
Battery: CR123A-cell (1) Lithium
Battery Life: Standard pulse: 110 hrs
 Skip-one pulse: 150 hrs
Material: 304 Stainless Steel
Range, open air: 30 ft [9.1 m]
Operating Temp: – 40°F to 140°F
 [– 40°C to 60°C]

CD42-T4



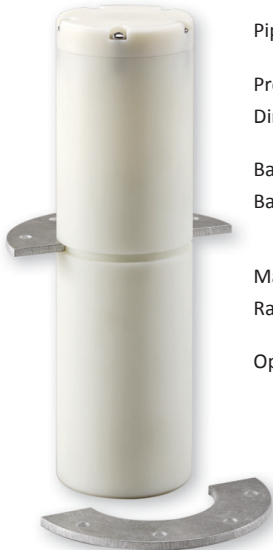
Pipeline Sizes: 2 – 8 in.
 [50.8 – 203.2 mm]
Pressure, max : 2,500 psi [172 bar]
Dimensions: 3 in. x 1.375 in.
 [76.2 x 35.25 mm]
Battery: N-cell (2) Alkaline
Battery Life: Standard pulse: 200 hrs
 (custom patterns avail.)
Material: 304 Stainless Steel
Range, open air: 30 ft [9.1 m]
Operating Temp: – 40°F to 140°F
 [– 40°C to 60°C]
Pressure Activation Kit: 15–1,100 psi [1–76 bar]
 (CD42-T4-SWX)

CD42-T2



Pipeline Sizes: 30 – 60 in.
 [762 – 1524 mm]
Pressure, max : 2,500 psi [172 bar]
Dimensions: 12.85 in. x 4.375 in.
 [326 x 111 mm]
Battery: C-cell Alkaline or Lithium (6)
Battery Life: Standard pulse: 375 hrs (Alkaline)
 Skip-one pulse: 500 hrs (Alkaline)
 Standard pulse: 750 hrs (Lithium)
Material: Nylon
Range, open air: 92 ft [28 m] (Alkaline)
 100 ft [30.48 m] (Lithium)
Operating Temp: – 40°F to 140°F
 [– 40°C to 60°C]

CD42-T1



Pipeline Sizes: 8 – 28 in.
 [203 – 711.2 mm]
Pressure, max : 2,500 psi [172 bar]
Dimensions: 10.375 in. x 3.0 in.
 [263.53 x 76.2 mm]
Battery: AA-cell Alkaline or Lithium (6)
Battery Life: Standard pulse: 500 hrs (Alkaline)
 Skip-one pulse: 678 hrs (Alkaline)
 Standard pulse: 1000 hrs (Lithium)
Material: Nylon
Range, open air: 45 ft [13.7 m] (Alkaline)
 65 ft [19.8 m] (Lithium)
Operating Temp: – 40°F to 140°F
 [– 40°C to 60°C]

*T1A, T1AHP, T1AVHP Operating Temperature Range w/Wide-Temperature Lithium Batteries: – 40°F to 158°F [– 40°C to 70°C]



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