

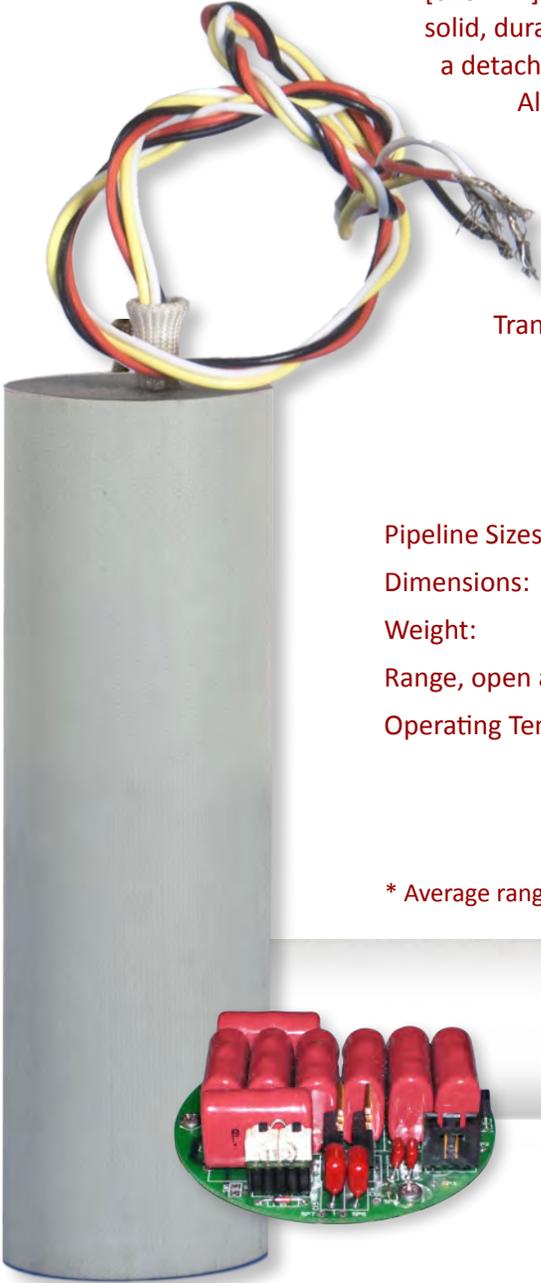
# CD49-SC Inline Inspection Tool Transmitter

The **CD49-SC transmitter** is designed for use with inline inspection (ILI) tools in 24 in. [610 mm] and smaller pipelines. The transmitter coil is completely molded into a solid, durable epoxy cylinder by our special potting process; the driver circuitry is on a detached driver board which can be located anywhere within your ILI tool vehicle.

All that is required for this transmitter to function is the application of ILI tool power.

ON/OFF and pulsing/continuous transmission behavior are controlled by the tool's computer control via flying leads. An anti-rotation pin is standard.

Transmitters and driver circuits are also available in one unit (CD42-MPS T-Series).



Pipeline Sizes:	24 in. [610 mm] and smaller
Dimensions:	4.724 in. x 1.5 in. [120 x 38 mm]
Weight:	2 lb [.91 kg]
Range, open air:	45 ft [13.7 m]*
Operating Temp:	- 40°F to 140°F [- 40°C to 60°C]



\* Average range based upon a 9-volt power supply



TRAXALL family of transmitters are patent pending



[www.pigging.com](http://www.pigging.com)  
(918) 258-6068  
[sales@pigging.com](mailto:sales@pigging.com)



PIGGING PRODUCTS &  
SERVICES ASSOCIATION  
member



# CD49-SC Inline Inspection Tool Transmitter

**CDI INLINE INSPECTION TOOL TRANSMITTERS** are high-quality location and tracking devices specifically designed for magnetic flux leakage (MFL), ultrasonic, caliper tools, and other ILI vehicles.

**CDI ILI TRANSMITTERS**, like our standard CD42 "Legacy" transmitter product line, emit electromagnetic fields at a frequency near 22Hz, which makes them safe and reliable for use in any environment and any pipeline product. However, instead of a pressure housing, our ILI transmitters are designed for mounting inside an ILI tool, and draw power from the tool's batteries.

**CDI ILI TRANSMITTERS** can either be "all-in-one" cylinders with flying leads (CD42-MPS Series) or their driver electronics may be packaged separately from the coil for maximum use of available space (CD49 Series).

**CDI ILI TRANSMITTER ON/OFF** functions and emitted pulse patterns are controlled via simple I/O signals; therefore, it is possible to use a transmitter continuously for AGM work, or SOS signaling only where it draws mere microamps during a run. Existing transmitter designs accept a voltage range of anywhere from 9-36 VDC and have RMS current ranges from 36-638 mA.

**CDI ILI TRANSMITTERS** are available in a wide variety of transmission ranges and sizes to fit every application.



## THE CD42-CD49 ILI Tool Transmitter Family

