

GT-MAGNA-10 NON-INTRUSIVE PIG SIGNALER



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- The GT-MAGNA -10 provides quick and easy pig detection of any pig moving between 0.01 and 20 meters/sec. It is Non-intrusive means less maintenance, non-corrosive, and no possibility of pipeline leak.
- The GT-MAGNA-10 has noise canceling antennas specifically for pig detection. This system help the devise to reject nearby magnetic noise and halt false triggering. A small safe, permanent magnet is installed on a pig is all it takes to put the GT-MAGNA-10 to work.
- The GT-MAGNA-10 has a reliable performance record of working in harsh environment. Many of our customers, large oil and gas producers, who rely upon this product family to set valves, control pump stations, and communicate with SCADA systems.
- Remote signaling of the passage is easy with the built-in flashing LCD display and potential free relay contacts, which are normally open or close contacts and may use in conjunction with the existing SCADA system to integrate GT-MAGNA-10 into a pipeline control and signaling network. An optional array of 8 LED's can be seen over distance as great as 100 meters.
- The GT-MAGNA-10 is line with 24V DC or battery powered for greatest flexibility. A standard D-Cell alkaline battery provides a full year of service or 24VDC power may use for indefinite operation. Changing batteries is very simple. Just open the face of the unit, remove the old batteries with new one.
- Conduit connections are standard M20 X 1.5P
- It Can easily bands to pipelines from 6" to 60" diameter.



SPECIFICATION

POWER SPECIFICATIONS	
Source	Two 1.5VDC Alkaline D-Cell batteries or 24 VDC External Connection.
Battery Life	One Full Year
CONSTRUCTION	
Housing	SS 316L
Window	Toughened Glass
Base	Aluminum
OPTIONS	
Remote Indicator	Provides Visual Passage Indication Up To 100 Meters
OPERATIONAL SPECIFICATIONS	
Operational Principal	Non-intrusive, Passive Magnetic
Sensor	Noise Canceling Wire Wound Antennas
Travel Distance	Bi- Directional
Devices Detected	Permanent Magnet or Electromagnetic Transmitter
Detection Speed	0.01 Meter/Sec to 20 Meter/Sec
Passage Visual Indicator	LCD Blinks One Hour After Passage
	LCD Holds Steady For Next 11 Hours
	Auto-resets at 12 Hours
Passage Electrical Indicator	Isolated Dry Contact Closure Relay
Pipeline Diameter	6" to 60 "

APPROVALS

ATEX Approved	PESO Approved	BIS License
II 2G Ex db mb IIC T6 Gb	Ex db mb IIC T6 Gb	CM / L - 7300131055



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