

ENRANGE™ PGT

Wireless Controls



Magnetek's ergonomically styled Enrange PGT pistol grip transmitter incorporates the latest electronic technology in a lightweight, comfortably contoured, yet durable case. It's available with several options to meet the needs of a variety of applications and industries.

The PGT features controls like those found on Magnetek's bellybox transmitters, including toggle switches, pushbuttons, and potentiometers, but in a size, weight and style similar to most handheld transmitters. This single proportional trigger version is an extremely economical option for controlling multiple proportional hydraulic valves.

COMFORT AND ERGONOMIC STYLE IN ONE PACKAGE

- Ergonomically designed contoured grip with rubber over moldings make it comfortable for the user
- Easy to use, proportional trigger with precise control for smooth machine operation

ADAPTS TO YOUR SPECIFIC APPLICATION

- Select up to 15 toggle switches
- Numerous combinations of toggles, selector switches, and potentiometers
- Available with stepless proportional controls
- CAN-BUS pendant option available
- Custom engraving on transmitters per application

VERSATILE AND FEATURE RICH

- Graphic display with system diagnostics available
- Available two-way RF for applications requiring feedback
- Several frequency options including 400MHz, 900MHz, and 2.4GHz
- Available high power RF for long range or harsh environments
- Optional Radio Control Programmer (RCP) allows you to program settings from your Windows PC

STRENGTH AND RELIABILITY

- Rugged, super-tough nylon housing is made to withstand shock
- Rated NEMA 4 (IP66), sealed to withstand harsh, industrial environments
- Frequency Hopping Spread Spectrum (FHSS) reliable in extreme RF conditions
- Designed to minimize power consumption, providing one of the longest life batteries in the industry today — rechargeable NiMH battery pack available
- Military grade auxiliary function switches



MAGNETEK WIRELESS RADIO REMOTE CONTROLS ARE MADE IN THE USA

PERFECT FOR USE IN A VARIETY OF APPLICATIONS



The Enrange PGT can be customized to meet almost any application. Magnetek provides innovative, cost-effective, custom-engineered wireless communication products, complete with hydraulic interface controls. These are designed to your specifications, reducing internal engineering and manufacturing costs, improving time to market, and enhancing equipment performance. We offer complete plug-and-play hydraulic control packages designed specifically for your machine, manufactured and tested on our panel assembly line.



Packaged system options include:

- I/O modules supporting various types of machine sensors and valves
- Graphic display modules
- Custom programming as the application requires
- NEMA 4, stainless steel, and explosion proof enclosures
- Pre-wired cables with valve connectors of choice



COMPATIBLE WITH SEVERAL RECEIVERS



CAN-6 Receiver shown

RECEIVER FEATURES AND OPTIONS

- CAN-BUS, compatible with most driver modules
- Stepless 0-10V, 3-6-9V interfaces available
- NEMA 4 standard, optional NEMA 4X or explosion proof enclosure
- Synthesized RF technology available for
 - Unlicensed (FCC Part 15) 400 and 900MHz – dial in any of the 32 frequencies
- Frequency Hopping Spread Spectrum RF technology available for
 - Unlicensed (FCC Part 15) 900MHz 200mW with 32 channels
 - Unlicensed (FCC Part 15) 2.4GHz 10, 100, 200mW with 32 channels

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