



## FEATURES

- Non-Contact for Easy Installation
- FM, CSA, UL Certifications
- No Mechanical Coupling Required
- No Shaft Seal or Bearings to Wear-out
- Increment or Absolute Position
- Diagnostic LED Indicators
- Extreme Rugged Duty Package and Electronics
- Perfect for the Oil and Gas Industry

## DESCRIPTION

Joral Devices has introduced a revolutionary non-contact rotary encoder for explosion proof applications. The encoder does not have a shaft or bearings but senses rotary motion through a magnetic sensing technology proven throughout the Hockey Puck product lines.

Without ridged mechanical couplings, the XPHP is easy to install by attaching a magnet to the rotation item. Simply position the encoder close to the center of the magnet. No shaft seals to worry about and no bearings to wear out. The encoder is able to compensate for mechanical misalignments due to wear, machine damage or installation. The XPHP is available as incremental or absolute position in a wide variety of resolutions and features.

## CERTIFICATIONS



FM STANDARD 3615

CSA STANDARD C22.2 No. 30

UL STANDARD 1203

Class I, Groups B, C and D

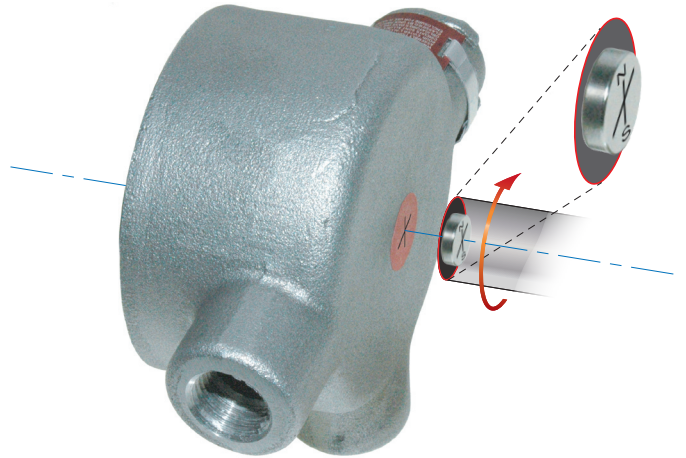
Class II, Groups E,F,G

Class III

NEMA 4X, 7BCD, 9EFG

## APPLICATION

**Non-Contact** means that you do not have to mechanically couple the encoder to your machine. Just mount a magnet on the end of your rotating shaft and install the center of the XPHP in front of the magnet. Our encoder actually senses the rotating magnet without touching it.



- Explosion proof high-grade cast aluminum housing
- Three 1/2" NPT conduit feed-through hubs for power and signal wires
- Wires easily land to the pluggable connector block
- Handy mounting bracket makes installation a breeze
- Electronic components are completely sealed
- Resists mechanical shock, vibration, temperature and contaminants.