

Press release

OPTOCODE Rotary Encoders: Precision measurements for the toughest environments

Hamilton, New Jersey, February 2010 – POSITAL's OPTOCODE (OCD) absolute rotary encoders combine highly accurate measurement technologies with heavy-duty packaging, making them a great choice for motion control systems that operate in harsh environments such as construction equipment, off- and on-road vehicles, military equipment, or marine and off-shore applications. Seals on the shaft and electrical connections are rated at IP67 (similar to NEMA 4 & 6/6P) offer protection from dust and moisture. These devices are available with SAE J1939 and CANopen interfaces for vehicle or mobile application. Other interface options include serial (SSI), bit-parallel, DeviceNet, and Ethernet (ProfiNet, Ethernet/IP and MODBUS).

The optical measurement system in OCD encoders is built around an unbreakable plastic code disk and provides a resolution of 16,384 steps per turn, significantly higher than encoders based on magnetic measurement techniques. Moreover, the optical system isn't affected by electro-magnetic fields from nearby welders, motors, transformers etc. Multi-turn models have a range of 4,096 revolutions.

See us at CONEXPO! Booth H-31913



About FRABA and POSITAL

FRABA Inc. is the North American sister company of Germany-based FRABA AG, a group of enterprises focused on providing advanced products for position sensing and motion control in many sectors and applications. Business units within the FRABA group include POSITAL (rotary encoders and inclinometers), VITECTOR (safety assurance equipment), and INTACTON (optical motion sensors).