

POSITAL

FRABA

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POSITAL-FRABA announces super heavy-duty inclinometers



Hamilton, New Jersey, March 2014. POSITAL-FRABA's versatile TILTIX inclinometers are available packaged in extra-rugged die-cast aluminum housings designed to stand withstand accidental impacts loads from tools, rocks or unsecured pieces of equipment. They also feature reinforced connection points for heavy-duty cables and connectors, mounting holes for ¼" (M6) bolts and solid flanges that won't be damaged by high bolt-tightening torques. These devices feature IP 69K-rated protection from dust, water or high-pressure sprays. These 'armored' TILTIX inclinometers are ideal for control systems for construction and agricultural machinery, military vehicles, mobile equipment and drilling/mining equipment.

TILTIX inclinometers are available as single axis (360°) or two-axis (+/- 80°) models. The measurement cells, which work by monitoring capacitance changes that occur when a small spring-mounted mass moves in response to changes in position, withstand shock loads of up to 100g. Maximum resolution is +/- 0.01° and each device is temperature compensated and individually calibrated at the factory to ensure accurate measurements in any environment. DeviceNet instrument interfaces are available, along with CANopen, J1939, analog (voltage or current) and serial digital (SSI). Dual-output CANopen versions support daisy-chained cabling configurations that simplify wiring systems.

About FRABA and POSITAL

FRABA Inc. is the North American sister company of the Netherlands-based FRABA B.V., 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 (position sensors) and VITECTOR (safety assurance equipment).

Further Information

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