

Press release

FRABA POSITAL Introduces Super-Rugged Version of ACCELENS Inclinometer



Hamilton, New Jersey, October 2011 – FRABA POSITAL's popular ACCELENS (ACS) inclinometers are now available packaged in extra-rugged die-cast aluminum housings that are designed for the harshest off-road conditions. These new housings are built to withstand accidental impacts loads from tools, rocks or pieces of unsecured equipment. They also feature reinforced connection points to support heavy-duty cables and connectors. These devices feature IP 69K-rated protection from dust, water or high-pressure sprays. These housings also feature mounting holes for 1/4" (M6) screws and solid flanges that won't be damaged by high bolt-tightening torques. These 'armored' ACS inclinometers are ideal for enabling control systems measure spatial orientation of construction and agricultural machinery, military vehicles, mobile equipment, cranes and lifts and drilling/mining equipment.

ACS 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, analog (voltage or current) and serial digital (SSI).



FRABA POSITAL is a Rockwell Encompass Product Partner