

Press Release

DECEMBER, 2015

ASC launches three new families of IEPE sensors to strengthen its Accelerometers portfolio

December 1, 2015, Pfaffenhofen, Germany – Advanced Sensors Calibration (ASC) GmbH, has announced the introduction of three new families of Piezoelectric IEPE accelerometers for applications in Automotive, Wind Energy and Railway markets. The new release includes ASC P101A, ASC P203A and ASC P401A series of IEPE accelerometers.

“The new launch bolsters ASC’s accelerometer product mix, which now includes Piezoelectric accelerometers for high frequency and high temperature applications, the flagship DC response type Capacitive and Piezoresistive accelerometers for low frequency and high-g crash applications, respectively. ASC envisions being a one-stop European source for customers’ vibration sensor needs and this launch is a step in this direction” said Renate Bay, Managing Partner of ASC. “Today’s release includes the uniaxial P101A series for general purpose vibration monitoring applications, uniaxial P401A series for high-temperature applications and miniature triaxial series P203A for applications in Automotive, Wind Energy and Railway markets” continued Renate Bay.

	P101A series	P203A series	P401A series
Type	IEPE Uniaxial	IEPE Triaxial	IEPE Uniaxial
Versions	P101A15: Side connector P101A25: Top connector	P203A12: Side connector	P401A15: Side connector
Measurement Ranges	±50g, ±100g, ±500g and ±1000g	±50g, ±100g, ±500g and ±2000g	±50g, ±100g and ±500g
±1dB Frequency Range	0.3 Hz to 10 kHz	1 Hz to 9 kHz	0.5 Hz to 15 kHz
Temperature Range	-55°C to +125°C	-55°C to +125°C	-55°C to +150°C
Connector	10-32 UNF-2B coaxial	¼"-28 UNF-2A, 4-pin	10-32 UNF-2B coaxial
Housing & Sealing	Stainless steel; Hermetic	Titanium; Hermetic	Stainless steel; Hermetic

For detailed specifications, drawings and information about ASC’s P101A series, P203A series and P401A series visit <http://www.asc-sensors.de/en/products/accelerometers/> or Email Product Manager, Murlidhar Thakur at: m.thakur@asc-sensors.de

About ASC GmbH

ASC (Advanced Sensors Calibration) GmbH, headquartered in Pfaffenhofen, Germany is one of the world's leading manufacturers of capacitive and piezoresistive accelerometers, angular rate sensors (Gyros) and Inertial Measurement Units (IMUs). ASC sensors are used in a wide range of industrial applications in automotive, rail vehicles, wind power, agriculture, air and space travel, geophysics, deep well drilling, tunneling, automation and mechanical engineering. Leading global companies including Audi, BMW, VW, Siemens Transportation Systems, Fendt, Wölfel, LMS and the German Aerospace Center (DLR) put their trust in ASC products.

Apart from manufacturing quality sensors, ASC also offers supplementary services such as maintenance, repair and calibration for its own products and also for third-party products. ASC is specialised in providing customised solutions that are geared to the exact customer needs.

ASC is also the exclusive distributor of accelerometers from Honeywell and gyros from Systron Donner Inertial.

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