



ACCURATE & EASY TO USE

Discover a wide selections of our
sound measurement equipments according to your
sound measurement needs

TRI-AXIAL ACCELEROMETERS
PQV 3010

www.placidinstruments.com



New Calibrated
Instruments for
Registering Noise
and Vibration

Placid Instruments BV
Westplein 12-14 3016 BM Rotterdam The
Netherlands
+31103104907 
info@placidinstruments.com 
www.placidinstruments.com

PLACID Accelerometers PQV3010

TRI-AXIAL
SIDE-EXIT CONNECTOR



Specification

Frequency Range
0.5 - 5000 Hz

Measurement Range
+/- 10 g

Sensitivity
500 mV/g

The PLACID PQV 3010 is a multi-purpose IEPE accelerometer.



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Specification

Basics

The PLACID PQV 3010 is a multi-purpose IEPE accelerometer.

Connectivity

The PLACID PQV 3010 is an IEPE powered accelerometer. As the output impedance of our IEPE accelerometers is between 100-300 Ohm, no special low-noise cable is required.

Uses

The PLACID PQV 3010 is used for all forthcoming vibration measurements where triaxial measurement is required

Individual calibration

All PLACID accelerometers are being calibrated in a controlled laboratory environment using traceable calibration equipment complying with ISO17025 standards.

We recommend that all PLACID accelerometers are re-calibrated every year to guarantee an optimized usage.

PLACID Traceable Calibration is performed by our qualified staff and under controlled conditions according to the procedures and standards such as ISO17025.

Quality

All PLACID accelerometers are made of high-quality materials that will ensure long stability and durability, even in harsh condition.

PLACID offers 2 years warranty against defective materials and workmanship.

All our accelerometers are made from Stainless steel.



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Datasheet PLACID PQV 3010 Accelerometer



Class / type	Tri-axis
Measurement Range (g)	+/- 10
Frequency range (Hz)	0.5 – 5000 Hz
Sensitivity	500 mV/g
Temperature range (Celsius)	-40 - +125
Transverse Sensitivity	≤5%
Excitation Voltage (V)	+12 - +24 (IEPE)
Housing Material	Stainless Steel
Cable Type	M5



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PLACID Accelerometers

Specification

Models / Unit	Type	Sensitivity (mV/g)	Measurement Range (g)	Transverse Sensitivity	Frequency Range (Hz)	Temperature Range (C)	Excitation Voltage (V)	Housing Material	Cable Type
PQV1050	Single	100	+/- 50	≤5%	0.5 - 12000	-40 - +120	+12 - +24 (IEPE)	Stainless Steel	TNC
PQV1050-4		40	+/- 50	≤5%	0.5 - 12000	-40 - +120		Stainless Steel	TNC
PQV3010	Triaxial	500	+/- 10	≤5%	0.5 - 5000	-40 - +125		Stainless Steel	M5
PQV3050		100	+/- 50	≤5%	0.5 - 7000	-40 - +125		Stainless Steel	M5
PQV3500		10	+/- 500	≤5%	0.5 - 10000	-40 - +125		Stainless Steel	M5

PLACID is able to customize different products, will quote and provide delivery date according to customer demand