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PLACID
PLACID INSTRUMENTS

ACCURATE & EASY TO USE

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

SINGLE AXIS ACCELEROMETERS
PQV 1050

www.placidinstruments.com



PLACID INSTRUMENTS BV

Newtonlaan 115 Office No. 2.21 3584 BH UTRECHT, THE NETHERLANDS

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Worldwide (except Europe): +31 613915102

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PLACID Accelerometers PQV-1050

SINGLE AXIS
TOP-EXIT CONNECTOR



Specification

Frequency Range

0.5 - 12000 Hz

Measurement Range

+/- 50 g

Sensitivity

100 mV/g

The PLACID PQV 1050 is a multi-purpose IEPE accelerometer.



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Specification

Basics

The PLACID PQV 1050 is a multi-purpose IEPE accelerometer.

Connectivity

The PLACID PQV 1050 is an IEPE powered accelerometer. As the output impedance of our IEPE accelerometers is between 100-300 Ohm, no special low-noise cable are required.

Uses

The PLACID PQV 1050 is used for all forthcoming vibration measurements where only a 1-axis signal 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 1050 Accelerometer



Class / type	Single
Measurement Range (g)	+/- 50
Frequency range (Hz)	0.5 – 12000 Hz
Sensitivity	100 mV/g
Temperature range (Celsius)	-40 - +120
Transverse Sensitivity	≤5%
Excitation Voltage (V)	+12 - +24 (IEPE)
Housing Material	Stainless Steel
Cable Type	TNC
Weight	18 gram
Sealing	Glue seal
Mounting Base	Magnet Base
Size	hex 14 mm, height 28 mm



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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
PQV1050	Single	100	+/- 50	≤5%	0.5 - 12000	-40 - +120	+12 - +24 (IEPE)	Stainless Steel	T
PQV1050-4		40	+/- 50	≤5%	0.5 - 12000	-40 - +120		Stainless Steel	T
PQV3010	Triaxial	500	+/- 10	≤5%	0.5 - 5000	-40 - +125		Stainless Steel	M
PQV3050		100	+/- 50	≤5%	0.5 - 7000	-40 - +125		Stainless Steel	M
PQV3500		10	+/- 500	≤5%	0.5 - 10000	-40 - +125		Stainless Steel	M

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



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