

# PZN-PT Single Crystal Miniature Hydrophone

of High Sensitivity and Reduced Noise

A direct benefit of the large piezoelectric coefficients (of 2000-2800 pC/N) and low dielectric loss (of <0.003) of PZN-PT single Crystal; no ageing poser.



mHY-196-30-500



mHY-196-45-500



mHY-196-60-1000

## Performance characteristics at a glance

Product Number	mHY-196-30-500	mHY-196-45-500	mHY-196-60-1000
Dimensions	Φ10 x 27mm	Φ10 x 31.5mm	Φ10 x 31.5mm
Sensitivity (re 1 V/μPa)	-196 dB	-196 dB	-194 dB
Working Frequency	0.1 to 30kHz	0.1 to 45kHz	0.1 to 60kHz
Capacitance @ 1 kHz	0.5 nF	1.0 nF	0.5 nF
Max. Operating Depth	500m	500m	1000m
Horizontal Beam Pattern	Omni up to 30kHz	Omni up to 45kHz	Omni up to 60kHz
Vertical Beam Width	Conical	Conical	Conical
Weight	15g	17g	17g

Please contact us for other details and customizations.

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