

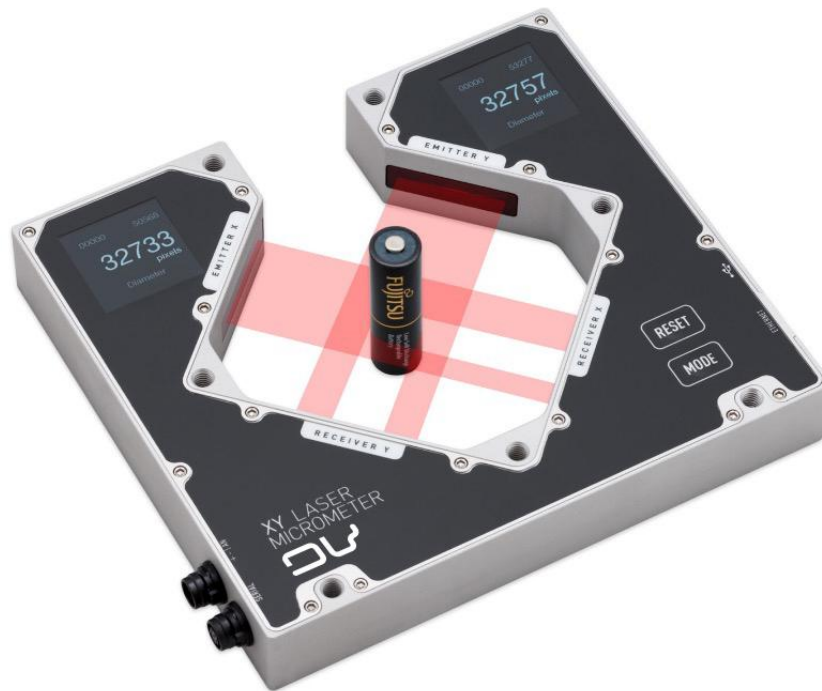
DataVision

DVMXY

Two axis measurement



Measurement of position diameter and ovality in two axis with integrated OLED displays.

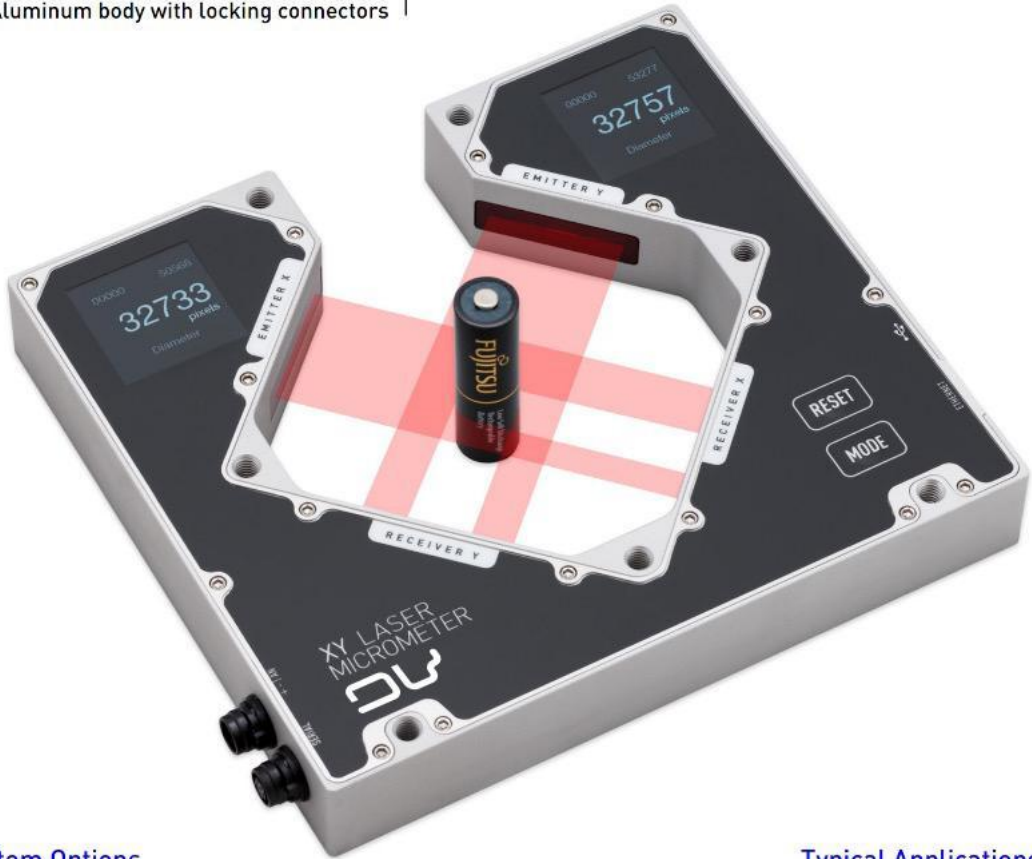


DVMXY

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Aluminum body with locking connectors |



Custom Options

Typical Applications

DESCRIPTION

High-performance 2-axis measurement sensor. Measurement of various types of materials in a wide range of industries (metal ,plastic, glass, ceramics, wood,..) Position and Diameter Measurement in the same time, checking of size and tension of wire (cable) on automated lines. Diameter measurement of tube/pipe (in process or sampling)

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HIGHLIGHTS

- Simple, Fast (>2500 measurements/s) and Accurate measurement in two axis
- Compact, No External Controllers
- Easy Installation



FEATURES

- Laser Diode 670 nm Class I
- Analog, RS232, USB, Ethernet (SPI, Parallel, others upon request)
- Custom Modes Available (i.e. Centering, Minimum, Maximum thickness, Range of Tolerances)

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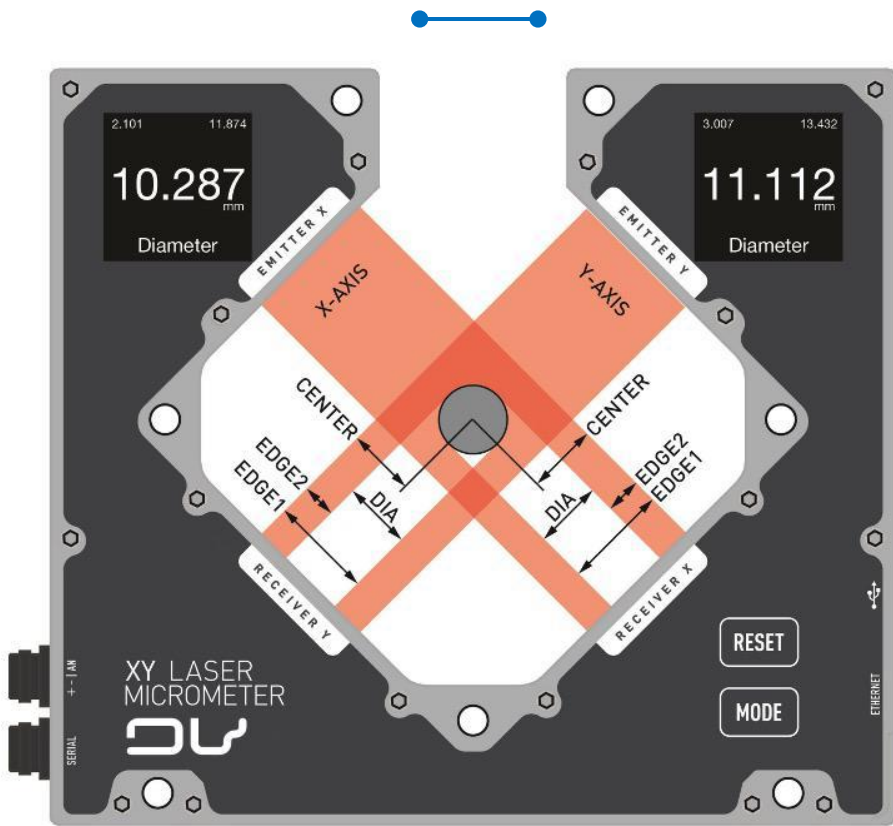


TECHNICAL SPECIFICATION

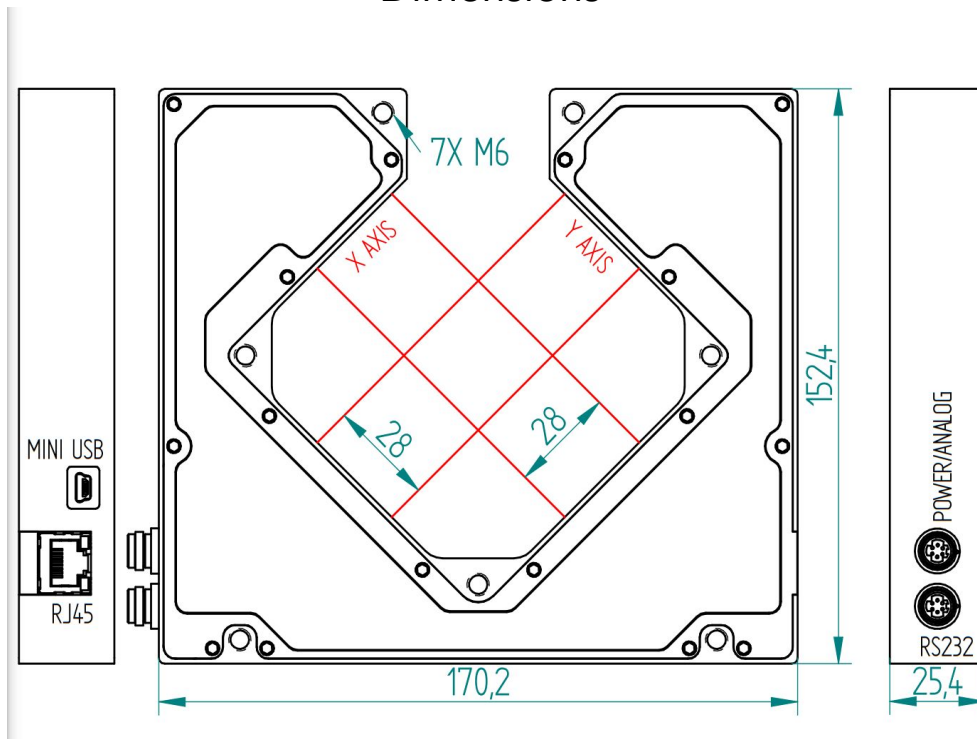
Measurement Range	1.10" (28 mm)
Resolution	0.4375 μ m
Repeatability	3 μ m (Edge position, Calibrated Distance)
Response Time	0.391 ms
Non-Linearity	< 10 μ m (Edge Position, calibrated distance)
Measuring Modes	Edge1, Edge2, Diameter, Gap, Center, Solid
Detection Method	Laser (670 nm Class II Laser Diode) Through-Beam with CCD Element
Power	12 to 24 VDC / 120mA
Connection/Interface	Serial, Parallel, USB, Ethernet, Analog or Custom
Display	2 x OLED, 128 x 64 pixels

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Dimensions



DataVision



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