Digital Gauge

DL-B

Slim, compact gauges

- Magnetic principle
- Excellent resistance to workshop conditions (DL310B: IP64). Resistant to dust and vibrations.
- Compact size ideal for designing into machines.
- A/B phase output by open collector
- Measuring range: 10 mm / 0.39" and 30 mm / 1.18"

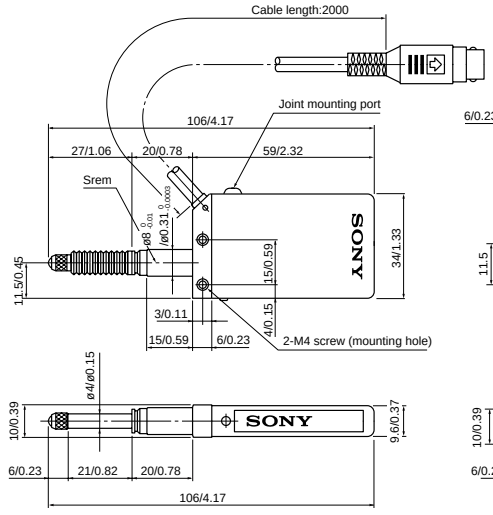
Specifications

Model	DL310B	DL330B
Measuring range	10 mm/ 0.39"	30 mm/ 1.18"
Resolution	10 µm	
Accuracy (at 20 ˚C /68 ˚F)	± 5 µm	
Measuring force	1.5 N or less	
Output signal	A/B phase by NPN open collector (12 VDC, 10 mA or less)	
Max. reponse speed	120 m/ min	
Protective design grade	Equivalent to IP 64	—
Mounting stem diameter	ø $8^{0}_{-0.01}$ mm	
Operating temperature	0 ˚C to 50 ˚C / 32 ˚F to 122 ˚F	
Storage temperature	-10 ˚C to 60 ˚C / 14 ˚F to 140 ˚F	
Power supply	5 VDC ± 5%	
Power consumption	0.2 W	
Cable length	2 m/6.56'	
Feeler	Feeler tipped with 3 mm dia. carbide ball with M2.5 x 0.45 screw on fitting end (DZ123)	
Mass (excl. cable unit)	60 g / 2.1 oz	90 g / 3.2 oz
Vacuum pressure for Air lifter	6.0 x 104 to 7.5 x 10^4 Pa	—

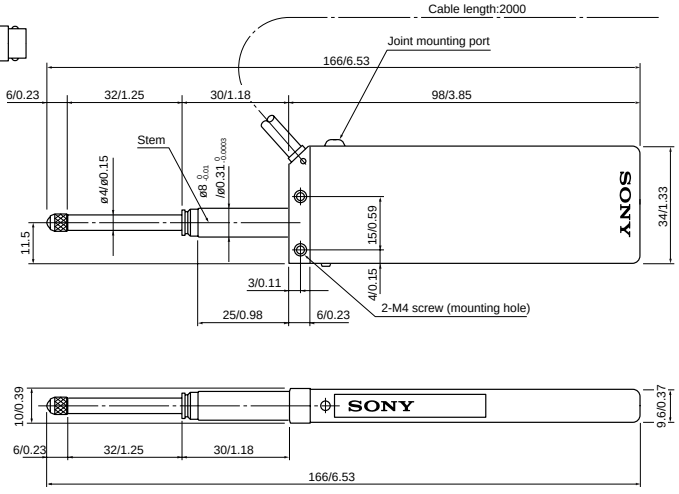
*Consult us when using DL310B/ 330B with the probe facing upward.

Dimensions

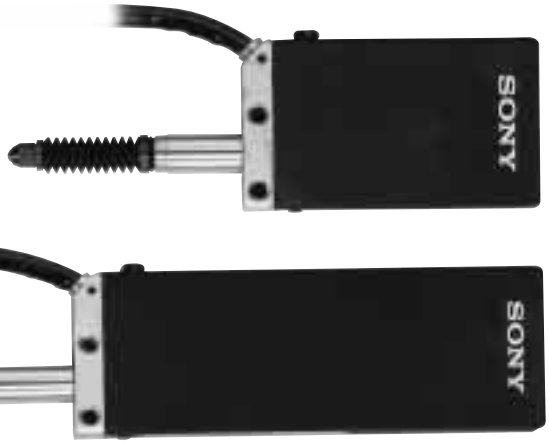
DL310B



DL330B



Unit : mm/inch



Gauges