

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 ^{+0.01} 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 10 ⁴ to 7.5 x 10 ⁴ Pa	—

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

Dimensions

