

Linear Scale AT211A/B

Series 539 - Range 100-1500mm

Slim Spar / High Speed Type

- High-resolution, high-accuracy sealed type linear scales. Ideal for feedback control in positioning machines in semiconductor manufacturing systems, CNC machine tools, etc.
- Two types of models are available: the AT211A, the multiple-point installation type designed for improved resistance against vibration and shock, and the AT211B, which attaches to a machine at each end only. The AT211B is compatible with the AT111 slim type in size.
- Contact Mitutoyo for installation dimensions.
- Direct connection with a machine controller via a quadrature signal output (conforming to RS-422A).



Specifications

Effective range (L0)	100 - 1500 mm
Accuracy at 20°C	Effective range 100 to 500 mm (3+3L/1000) μm (standard type) 100 to 500 mm (2+2L/1000) μm (high-accuracy type) 500 to 1500 mm (3+3L/1000) μm L = Effective range (mm)
Max. drive speed	5,4 - 120 m/min
Signal period	20 μm
Resolution	0,1; 0,2; 0,5; 1; 2,5; 5 μm
Output waveform	Two 90° phase-shifted quadrature signals (RS422)

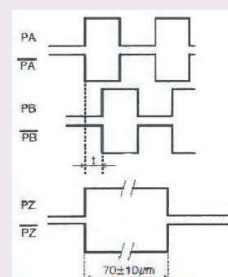


AT211A



AT211B

No.
AT211A
AT211B



Refer to the NC Linear Scale brochure for more details