

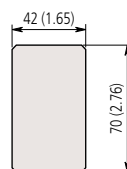
Linear Scales

SERIES 539 – AT181 Water Resistant Plunger Type Linear Scale

- Designed to capture positional coordinates from slides on machine tools and precision instruments; such as are incorporated in semiconductor production equipment, for example.
- Suitable for milling machines, XY tables, jigs, etc.



Unit: mm (inch)



SPECIFICATIONS

Code No.	Range	Accuracy at 20°C*	Signal cable length	Price
539-301	100 mm (4")	(5+5L/1000) μm	3 m	£790.00
539-302	150 mm (6")	(5+5L/1000) μm	3 m	£820.00
539-303	200 mm (8")	(5+5L/1000) μm	3 m	£867.00
539-304	250 mm (10")	(5+5L/1000) μm	3 m	£875.00
539-305	300 mm (12")	(5+5L/1000) μm	3 m	£910.00
539-306	350 mm (14")	(5+5L/1000) μm	3 m	£930.00
539-307	400 mm (16")	(5+5L/1000) μm	3 m	£960.00
539-308	450 mm (18")	(5+5L/1000) μm	3 m	£990.00
539-309	500 mm (20")	(5+5L/1000) μm	3 m	£1020.00
539-310	550 mm (22")	(5+5L/1000) μm	3 m	£1050.00
539-311	600 mm (24")	(5+5L/1000) μm	3 m	£1070.00

* L = Effective range (mm)

Technical Data

Effective range:	100-600 mm
Output waveform:	Two 90° phase-shifted sinusoidal signals
Max. response speed:	50 m/min.
Scale grating pitch:	20 μm
Scale reference point pitch:	50 mm
Dust/water protection level:	IP54
Operating temperature:	0°C to 45°C

Optional Accessories

09AAA033A:	Extension cable (2 m)	£162.00
09AAA033B:	Extension cable (5 m)	£228.00
09AAA033C:	Extension cable (7 m)	£269.00

