

Technical Data

Effective range: 100-3000 mm
 Measurement method: Electromagnetic induction system
 Max. response speed: 50 m/min.
 Scale grating pitch: 20 µm
 Dust/water protection level: IP67
 Operating temperature: 0°C to 45°C

Optional Accessories

09AAB674A: Extension cable (2 m)
£162.00
09AAB674B: Extension cable (5 m)
£228.00
09AAB674C: Extension cable (7 m)
£269.00

SERIES 539 – AT715 ABSOLUTE Coolant Proof 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.
- Uses an ABSOLUTE electromagnetic induction system to achieve IP67 environmental resistance.
- Detects and outputs the absolute position – no reference point setup needed at each power-on.
- Abnormal calculations do not occur as a result of electrical noise.
- Very suitable scale for mounting on the X axis of a lathe. The scale main unit has 2 mounting directions for easy installation on machine tools with difficult mounting positions.

ABSOLUTE

IP67



SPECIFICATIONS

Code No.	Range	Accuracy at 20°C*	Signal cable length	Price
539-801	100 mm (4")	±5 µm	3.5 m	£207.00
539-802	150 mm (6")	±5 µm	3.5 m	£210.00
539-803	200 mm (8")	±5 µm	3.5 m	£212.00
539-804	250 mm (10")	±5 µm	3.5 m	£214.00
539-805	300 mm (12")	±5 µm	3.5 m	£217.00
539-806	350 mm (14")	±5 µm	3.5 m	£218.00
539-807	400 mm (16")	±5 µm	3.5 m	£219.00
539-808	450 mm (18")	±5 µm	3.5 m	£220.00
539-809	500 mm (20")	±5 µm	3.5 m	£226.00
539-811	600 mm (24")	±7 µm	3.5 m	£231.00
539-813	700 mm (28")	±7 µm	3.5 m	£233.00
539-814	750 mm (30")	±7 µm	3.5 m	£237.00
539-815	800 mm (32")	±7 µm	3.5 m	£242.00
539-816	900 mm (36")	±7 µm	3.5 m	£249.00
539-817	1000 mm (40")	±7 µm	5 m	£262.00
539-818	1100 mm (44")	±7 µm	5 m	£275.00
539-819	1200 mm (48")	±7 µm	5 m	£291.00
539-820	1300 mm (52")	±7 µm	5 m	£310.00
539-821	1400 mm (56")	±7 µm	5 m	£325.00
539-822	1500 mm (60")	±7 µm	5 m	£347.00
539-823	1600 mm (64")	±7 µm	5 m	£394.00
539-824	1700 mm (68")	±7 µm	5 m	£419.00
539-825	1800 mm (72")	±7 µm	5 m	£442.00
539-860	2000 mm (80")	±10 µm	5 m	£545.00
539-861	2200 mm (88")	±10 µm	5 m	£560.00
539-862	2400 mm (96")	±10 µm	7 m	£660.00
539-863	2500 mm (100")	±10 µm	7 m	£680.00
539-864	2600 mm (104")	±10 µm	7 m	£700.00
539-865	2800 mm (112")	±10 µm	7 m	£750.00
539-866	3000 mm (120")	±10 µm	7 m	£878.00

* L = Effective range (mm)