

AT715 Linear Scale

Using new Electromagnetic Induction Detection Method with Improved Reliability and Improved contamination protection.

True Absolute Scale Technology means original part datum point is never lost even when power is off.



Specifications

Detection Method	Electromagnetic Induction System
Interface	Mitutoyo Original Serial Interface (Connectable only to KA Counter)
Effective Length	4" (100mm) to 72" (1800mm)
Accuracy (20°C)	7 + 13 x L0/1000 um (L0: Effective Length)
Resolution	See KA counter Resolution (Page 6)
Response Speed	50 m/min
Dust / Water Proof	IP-55

Optional Extension Cables

Code No.	Description	List Price
09AAB674C	Extension Cable 6.5 ft. (2m)	TBA
09AAB674C	Extension Cable 16.4 ft. (5m)	TBA
09AAB674C	Extension Cable 22.9 ft. (7m)	TBA

Note: connectable to AT715, AT115 and other AT100 Series.

Order Number

Code No.	Range (L0)	L1	L2	L3	Middle Support Number (Mounting Pitch)	Cable Length	List Price
539-801	4"/100mm	4.72"/120mm	10.16"/258mm	10.94"/278mm		11.48'/3.5m	\$230.00
539-802	6"/150mm	6.69"/170mm	12.13"/308mm	12.91"/328mm		11.48'/3.5m	\$230.00
539-803	8"/200mm	8.69"/220mm	14.09"/358mm	14.88"/378mm		11.48'/3.5m	\$233.00
539-804	10"/250mm	10.63"/270mm	16.06"/408mm	16.85"/428mm		11.48'/3.5m	\$233.00
539-805	12"/300mm	12.99"/330mm	18.43"/468mm	19.21"/488mm		11.48'/3.5m	\$233.00
539-806	14"/350mm	14.96"/380mm	20.39"/518mm	21.18"/538mm		11.48'/3.5m	\$235.00
539-807	16"/400mm	16.93"/430mm	22.36"/568mm	23.15"/588mm		11.48'/3.5m	\$238.00
539-808	18"/450mm	18.90"/480mm	24.33"/618mm	25.12"/638mm		11.48'/3.5m	\$242.00
539-809	20"/500mm	21.26"/540mm	26.69"/678mm	27.48"/698mm	1	11.48'/3.5m	\$245.00
539-811	24"/600mm	25.20"/640mm	30.63"/778mm	31.42"/798mm	1	11.48'/3.5m	\$250.00
539-813	28"/700mm	29.13"/740mm	34.57"/878mm	35.35"/898mm	1	11.48'/3.5m	\$254.00
539-814	30"/750mm	30.71"/780mm	36.14"/918mm	36.93"/938mm	1	11.48'/3.5m	\$258.00
539-815	32"/800mm	33.07"/840mm	38.50"/978mm	39.29"/998mm	1	11.48'/3.5m	\$260.00
539-816	36"/900mm	37.07"/940mm	42.44"/1078mm	43.23"/1098mm	1	11.48'/3.5m	\$284.00
539-817	40"/1000mm	40.94"/1040mm	46.38"/1178mm	47.17"/1198mm	1	16.40'/5m	\$295.00
539-818	44"/1100mm	44.88"/1140mm	50.31"/1278mm	51.10"/1298mm	2(16.93"/430mm)	16.40'/5m	\$335.00
539-819	48"/1200mm	48.82"/1240mm	54.25"/1378mm	55.04"/1398mm	2(18.11"/460mm)	16.40'/5m	\$375.00
539-820	52"/1300mm	52.76"/1340mm	58.19"/1478mm	58.98"/1498mm	2(19.29"/490mm)	16.40'/5m	\$415.00
539-821	56"/1400mm	56.69"/1440mm	62.13"/1578mm	62.91"/1598mm	2(20.87"/530mm)	16.40'/5m	\$455.00
539-822	60"/1500mm	60.63"/1540mm	66.06"/1678mm	66.85"/1698mm	2(22.05"/560mm)	16.40'/5m	\$505.00
539-823	64"/1600mm	64.57"/1640mm	70.00"/1778mm	70.79"/1798mm	3(8.46"/215mm)	16.40'/5m	\$565.00
539-824	68"/1700mm	68.50"/1740mm	73.94"/1878mm	74.72"/1898mm	3(9.06"/230mm)	16.40'/5m	\$625.00
539-825	72"/1800mm	72.44"/1840mm	77.87"/1978mm	78.66"/1998mm	3(11.03"/280mm)	16.40'/5m	\$685.00

