

Specifications

Measuring method	Electromagnetic induction system
Accuracy	100 to 500 mm ±5 µm 600 to 1800 mm ±7 µm 2000 to 3000 mm ±10 µm
Operation temperature	0-45 °C
Power supply	5V DC ± 10%
Cross section	54 x 22mm
Max. drive speed	50 m/min
Signal period	20 µm

Optional accessories

No.	Description
09AAB674A	Extension Cable 2m, for AT715
09AAB674B	Extension Cable 5m, for AT715
09AAB674C	Extension Cable 7m, for AT715
174-183D	Linear Scale Counter KA-212
174-185D	Linear Scale Counter KA-213

Legend

- L0 Effective range
- L1 Travel range
- L2-L4 Mounting hole pitch
- L5-L8 Middle support positions

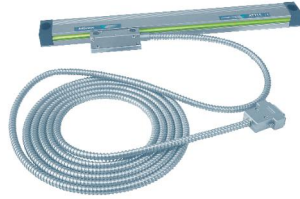


Refer to the DRO System leaflet for more details.

DRO ABS Linear Scales AT715

Sealed Absolute - IP 67 protection - medium scale housing - specific for new and old manual machine

This linear scale is based on electro magnetic induction principle thus offering you high environment protection IP level , in the mean time reference point is not necessary after each power on.



No.	Cable length [m]	Effective range	L ¹ [mm]	L ² [mm]	L ³ [mm]	L ⁴ [mm]	L ⁵ [mm]	L ⁶ [mm]	L ⁷ [mm]	L ⁸ [mm]
539-801R	3,4	100 mm	120	258	242	278				
539-802R	3,4	150 mm	170	308	292	328				
539-803R	3,4	200 mm	220	358	342	378				
539-804R	3,4	250 mm	270	408	392	428				
539-805R	3,4	300 mm	330	468	452	488				
539-806R	3,4	350 mm	380	518	502	538				
539-807R	3,4	400 mm	430	568	552	588				
539-808R	3,4	450 mm	480	618	602	638				
539-809R	3,4	500 mm	540	678	662	698	339	331		
539-811R	3,4	600 mm	640	778	762	798	389	381		
539-813R	3,4	700 mm	740	878	862	898	439	431		
539-814R	3,4	750 mm	780	918	902	938	459	451		
539-815R	3,4	800 mm	840	978	962	998	489	481		
539-816R	3,4	900 mm	940	1078	1062	1098	539	531		
539-817R	4,9	1000 mm	1040	1178	1162	1198	589	581		
539-818R	4,9	1100 mm	1140	1278	1262	1298	639	631	430	
539-819R	4,9	1200 mm	1240	1378	1362	1398	689	681	460	
539-820R	4,9	1300 mm	1340	1478	1462	1498	739	731	490	
539-821R	4,9	1400 mm	1440	1578	1562	1598	789	781	520	
539-822R	4,9	1500 mm	1540	1678	1662	1698	839	831	550	
539-823R	4,9	1600 mm	1640	1778	1762	1798	889	881	580	215
539-824R	4,9	1700 mm	1740	1878	1862	1898	939	931	610	230
539-825R	4,9	1800 mm	1840	1978	1962	1998	989	981	640	280
539-860R	4,9	2000 mm	2040	2178	2162	2198	1039	1031	670	
539-861R	4,9	2200 mm	2240	2378	2362	2398	1089	1081	700	
539-862R	6,9	2400 mm	2440	2578	2562	2598	1139	1131	730	
539-863R	6,9	2500 mm	2540	2678	2662	2698	1189	1181	760	
539-864R	6,9	2600 mm	2640	2778	2762	2798	1239	1231	790	
539-865R	6,9	2800 mm	2840	2978	2962	2998	1289	1281	820	
539-866R	6,9	3000 mm	3040	3178	3162	3198	1339	1331	850	

Extended cable 2 m is attached to 2400-3000 mm of effective length at signal cable 5 m, and it is 6,9 m in total!

