

Linear Scale AT402E with cable C

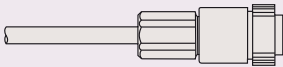
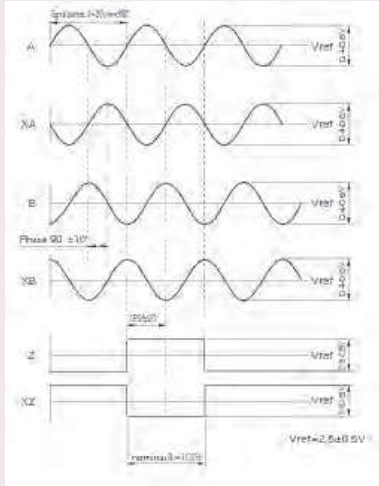


Specifications

Effective range (L0)	140 - 3040 mm
Accuracy at 20°C	140 to 540 mm ±2 μm 640 to 940 mm ±3 μm 1040 to 3040 mm ±3 μm/m
Max. drive speed	120 m/min
Signal period	20 μm
Operating temperature	0°C to 45°C
Output waveform	Two 90° phase-shifted sinusoidal signals (1 Vpp)

Series 539

- World-class vibration resistance (20 G) and shock resistance (40 G) for use with machine tools.
- 1Vpp/20μm signal output for high connectivity with various machine controllers.
- Absolute Interval Code for a simple and affordable Absolute Measuring System.



Cable C: Connectable to FANUC serial board C
Cable length: 3 m

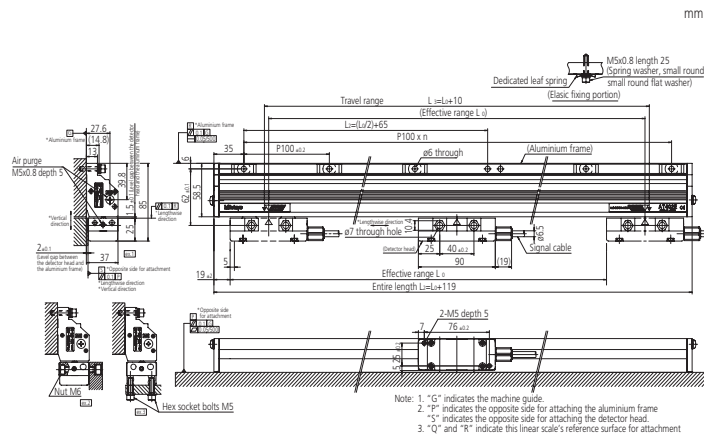
With cable C (-03)

No.	Effective range	L ¹ mm	L ² mm	L ³ mm	n (number of holes)
539-371-03*	140 mm	259	135	150	2
539-373-03*	240 mm	359	185	250	3
539-374-03*	340 mm	459	235	350	4
539-375-03*	440 mm	559	285	450	5
539-376-03*	540 mm	659	335	550	6
539-377-03*	640 mm	759	385	650	7
539-378-03*	740 mm	859	435	750	8
539-379-03*	840 mm	959	485	850	9
539-380-03*	940 mm	1059	535	950	10
539-381-03*	1040 mm	1159	585	1050	11
539-382-03*	1140 mm	1259	635	1150	12
539-383-03*	1240 mm	1359	685	1250	13
539-384-03*	1340 mm	1459	735	1350	14
539-385-03*	1440 mm	1559	785	1450	15
539-386-03*	1540 mm	1659	835	1550	16
539-387-03*	1640 mm	1759	885	1650	17
539-388-03*	1740 mm	1859	935	1750	18
539-389-03*	1840 mm	1959	985	1850	19
539-390-03*	2040 mm	2159	1085	2050	21
539-391-03*	2240 mm	2359	1185	2250	23
539-392-03*	2440 mm	2559	1285	2450	25
539-393-03*	2640 mm	2759	1385	2650	27
539-394-03*	2840 mm	2959	1485	2850	29
539-395-03*	3040 mm	3159	1585	3050	31

Legend
L0 Effective range
L1 Travel range
L2-L3 Mounting hole pitch



Refer to the Linear Scale leaflet for more details.



Note: 1. "G" indicates the machine guide.
2. "F" indicates the opposite side for attaching the aluminum frame.
3. "Q" and "R" indicate this linear scale's reference surface for attachment.