

☆ **D10 Universal Linear scale** Resolution: 0.1 μ m, 0.2 μ m, 0.5 μ m, 1 μ m, 2 μ m ,2.5 μ m ,5 μ m, 10 μ m

☆ **DC10F Slim Linear scale** Resolution: 0.5 μ m, 1 μ m, ,5 μ m

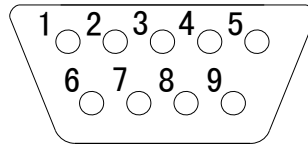
☆ **DC20 Large-Linear scale** Resolution: 0.5 μ m, 1 μ m, ,5 μ m

☆ **DC10-K Wild voltage Linear scale** Voltage Range:5V-36V Resolution: 0.5 μ m, 1 μ m, ,5 μ m

Technical Parameter:

- 1.Voltage: DC5V (DC10-K DC5V-36V)
- 2.Output Signal: TTL EIA-422-A
- 3.Accuracy: $\pm 3\mu\text{m}/\pm 5\mu\text{m}/\pm 10\mu\text{m}$
- 4.Biggest Working Speed: 20m/min(1 μ m) 60m/min(5 μ m)
- 5.Working Temperature: -10 $^{\circ}\text{C}\sim 60^{\circ}\text{C}$
- 6.Storage Temperature: -30 $^{\circ}\text{C}\sim 70^{\circ}\text{C}$
- 7.Relative Humidity: <90% (20 $\pm 5^{\circ}\text{C}$)
8. Grating System: The transmissive and infrared optical measuring system.the infrared Wave length is 800nm.
- 9.Reading head sliding system: Vertical or 45 $^{\circ}$ five precision bearing system
- 10.Measuring Length: 50mm-3000mm

Linear Scale Wiring Diagram:



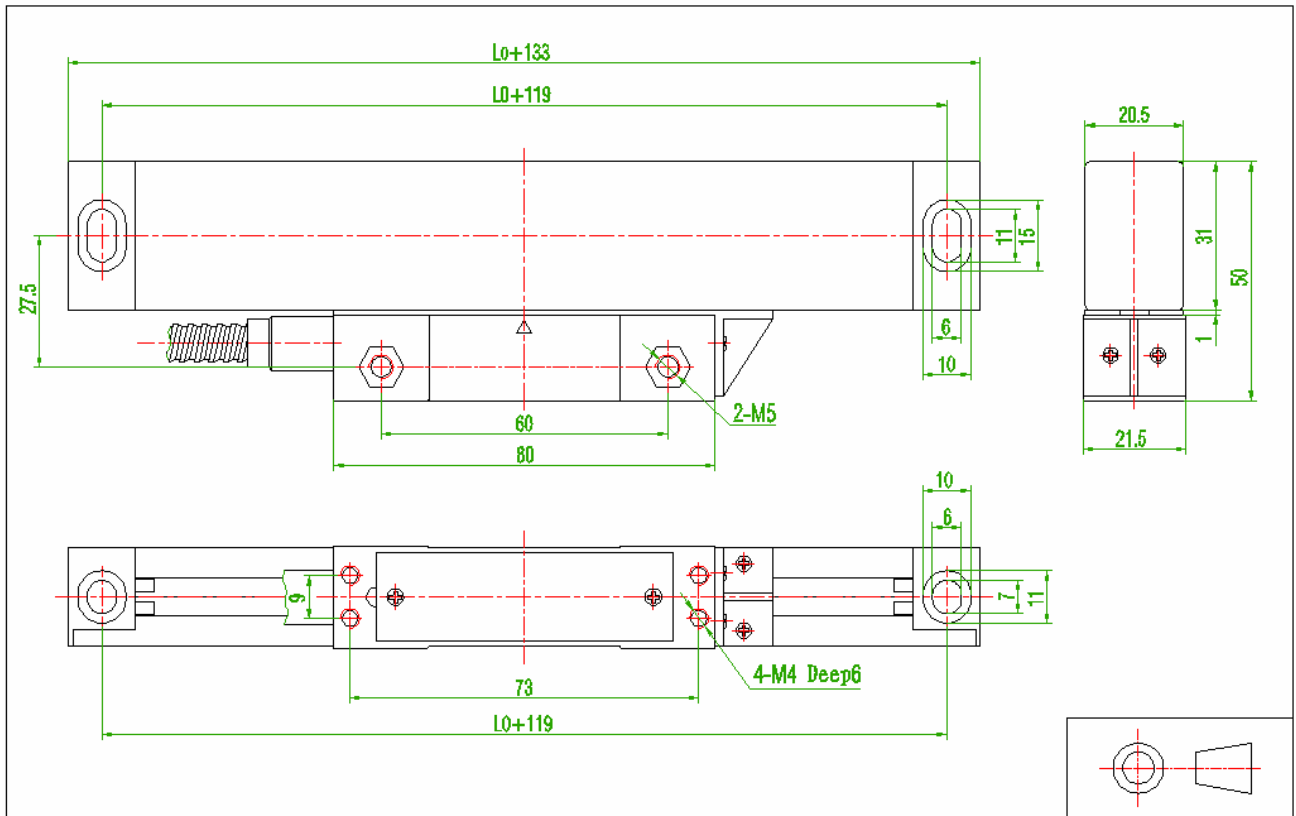
Nine-pin TTL Signal Output Map

Pin	1	2	3	4	5	6	7	8	9
signal	NA	0V	NA	NA	NA	A	+5V	B	R
Color		Black				Yellow	Red	Green	Brown

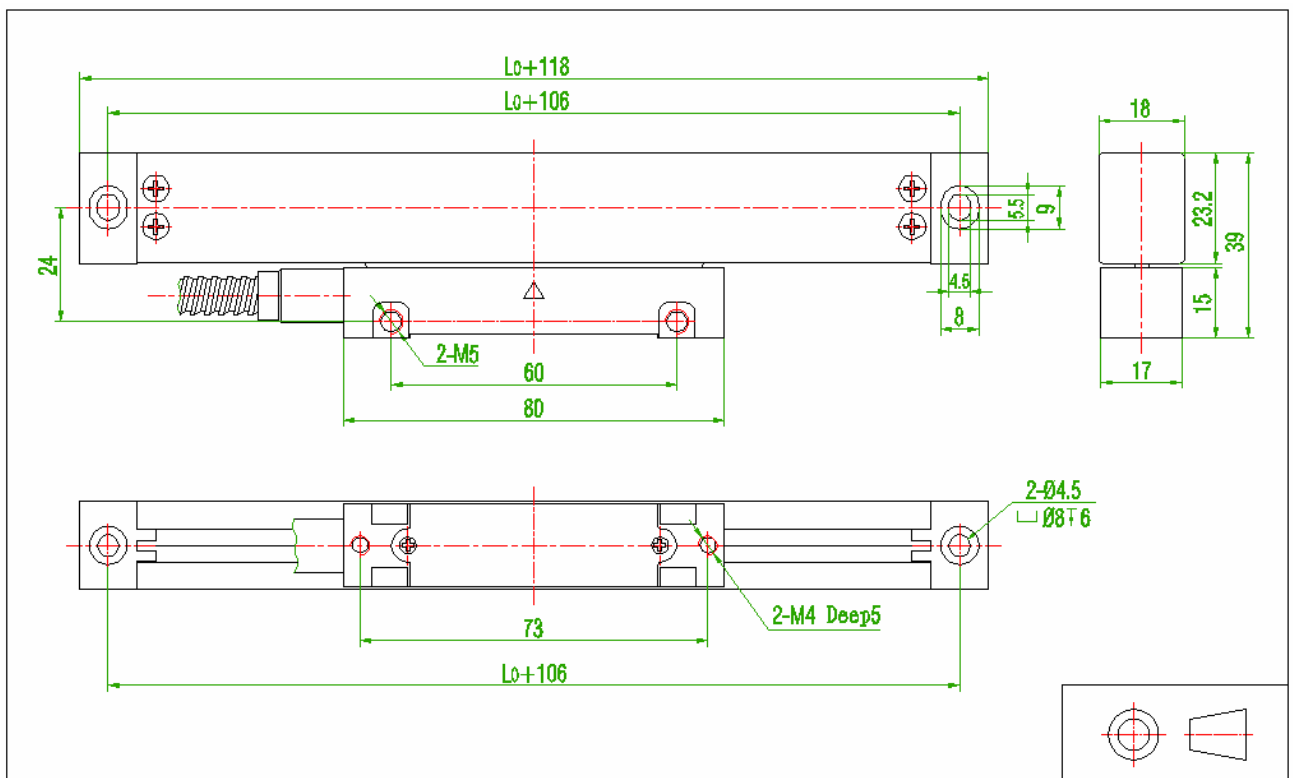
Nine-pin EIA-422-A Signal Output Map

Pin	1	2	3	4	5	6	7	8	9
signal	A-	0V	B-	Shield	Z-	A	+5V	B	Z
Color	Orange	Black	Blue	Shielding	White	Yellow	Red	Green	Brown

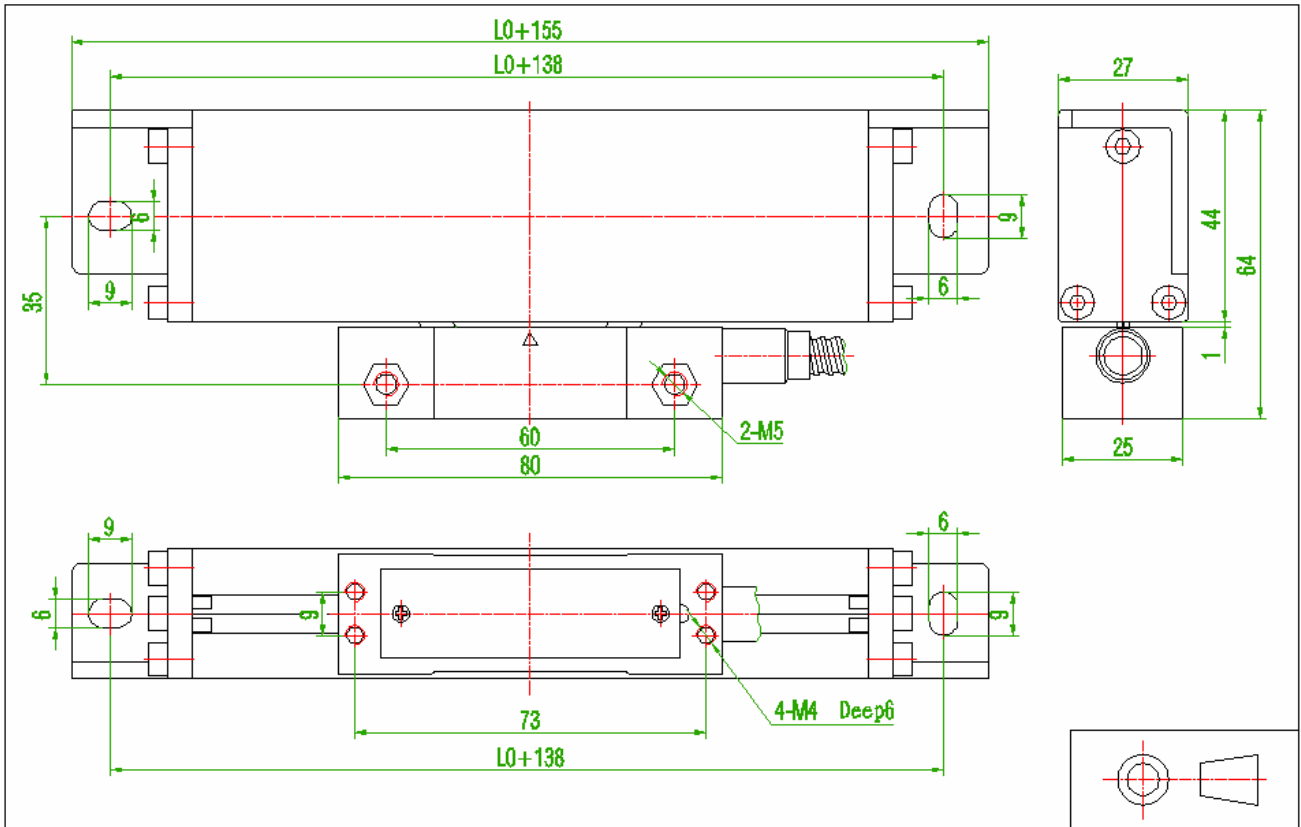
DC10 Dimension:



DC10F Dimension:



DC20 Dimension:



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