

Data Sheet

Plug and Test® Force Sensors **Series R08**

32-1131 REV 1024

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Universal sensors for tension and compression applications up to 10,000 lbF (50 kN). Threaded rods on each end allow for a variety of mounting configurations.

Compatible with Mark-10 indicators (sold separately), through unique Plug & Test® technology. A combined certificate for the sensor and an indicator is available at time of order, part no. CERT-SI.

Specifications

Accuracy:	±0.5% of full scale + indicator
Safe Overload:	150% of full scale
Weight:	MR08-2000: 0.3 lb [0.1 kg] MR08-5000: 0.4 lb [0.1 kg] MR08-10000: 0.6 lb [0.2 kg]

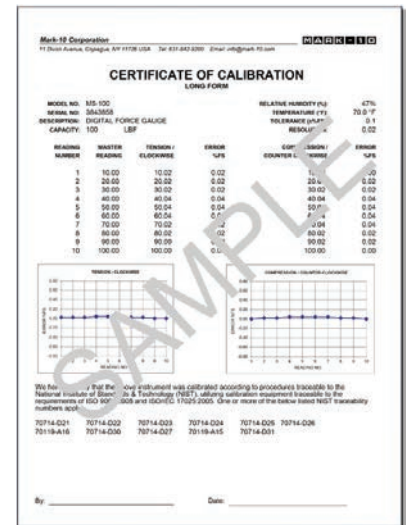
Features



- ▲ Unique Plug & Test® technology allows for interchangeable sensors to be used with a Mark-10 indicator. All calibration and configuration data is saved in the smart connector.



- ▲ The Plug & Test® connector locks into the receptacle in the indicator when fully inserted. Dual buttons on the indicator housing release the connector for easy removal. Gold plated spring contacts ensure long lasting and reliable connection.



- ▲ Included certificate of calibration contains 10 data points. A combined certificate for the sensor and an indicator is available at time of order, part no. CERT-SI.

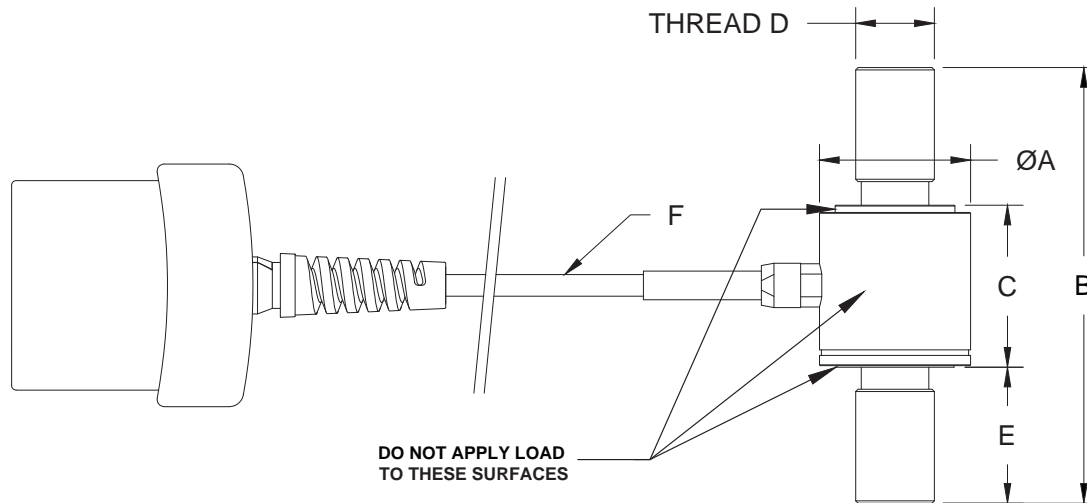
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Dimensions in [mm]



Model No.	ØA	B	C	D	E	F
MR08-2000	0.96 [24.4]	1.50 [38.1]	0.72 [18.3]	3/8-24 UNF	0.39 [9.9]	10 ft [3m]
MR08-5000				1/2-20 UNF		
MR08-10000	1.11 [28.2]	2.77 [70.4]	1.03 [33.0]	3/4-16 UNF	0.87 [22.1]	

Capacity x Resolution

Model No.	With Models M71 & M51 indicators						With Model M31 indicator			
	lbF	ozF	gF	kgF	N	kN	lbF	kgF	N	kN
MR08-2000	2000 x 1	32000 x 20	-	1000 x 0.5	10000 x 5	10 x 0.005	2000 x 2	1000 x 1	10000 x 10	-
MR08-5000	5000 x 2	-	-	2500 x 1	25000 x 10	25 x 0.01	5000 x 5	2500 x 2	-	25 x 0.02
MR08-10000	10000 x 5	-	-	5000 x 2	50000 x 25	50 x 0.02	10000 x 10	5000 x 5	-	50 x 0.05