



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.

Mark-10 Corporation 11 Dixon Avenue, Copaque, NY 11726 USA Tel: 631-842-9200 Email: info@mark-10.com				MARK-10	
CERTIFICATE OF CALIBRATION					
LONG FORM					
MODEL NO.	M5-100	RELATIVE HUMIDITY (%)	47%		
SERIAL NO.	3543858	TEMPERATURE (°F)	70.0 °F		
DESCRIPTION	DIGITAL FORCE GAUGE	TOLERANCE (µF)	0.1		
CAPACITY	100 LBF	RESOLUTION	0.02		
READING NUMBER	MASTER	TENSION / CLOCKWISE	%FS	COMPRESSION / COUNTERCLOCKWISE	ERROR %FS
1	10.00	10.02	0.02	10.00	0.00
2	20.00	20.02	0.02	20.00	0.02
3	30.00	30.02	0.02	30.00	0.02
4	40.00	40.04	0.04	40.04	0.04
5	50.00	50.04	0.04	50.04	0.04
6	60.00	60.04	0.04	60.04	0.04
7	70.00	70.02	0.02	70.02	0.02
8	80.00	80.02	0.02	80.02	0.02
9	90.00	90.00	0.00	90.00	0.00
10	100.00	100.00	0.00	100.00	0.00

TENSION (CLOCKWISE)

COMPRESSION (COUNTERCLOCKWISE)

We hereby certify that the above instrument was calibrated according to procedures traceable to the National Institute of Standards and Technology (NIST) using calibration equipment traceable to the requirements of ISO 9001:2008 and ISO/IEC 17025:2005. One or more of the below listed NIST traceability numbers apply.

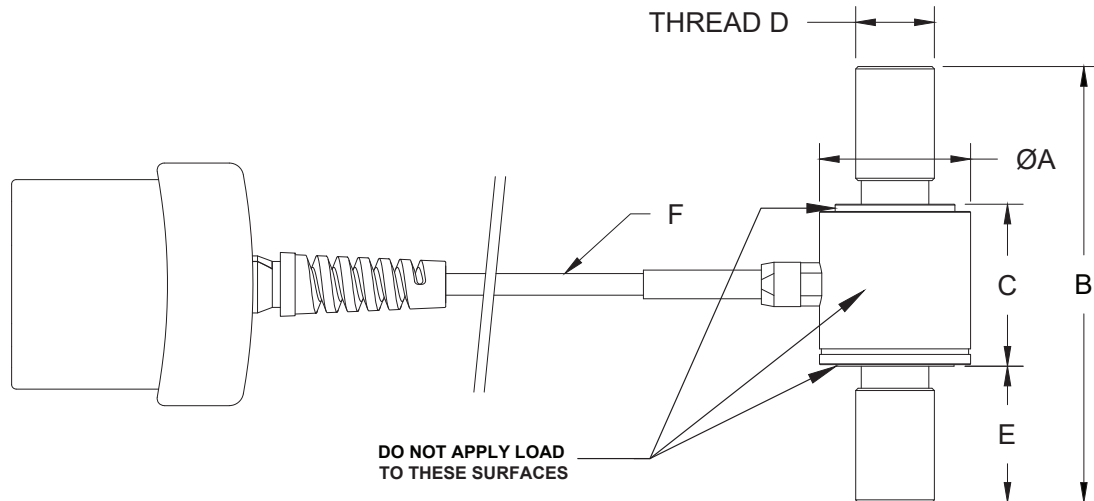
70714-D21	70714-D22	70714-D23	70714-D24	70714-D25	70714-D26
70118-A16	70714-D30	70714-D27	70118-A15	70714-D31	

By: _____

Date: _____

- ▲ 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.

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		2.77 [70.4]		1/2-20 UNF	0.87 [22.1]	
MR08-10000	1.11 [28.2]		1.03 [33.0]	3/4-16 UNF		

Capacity x Resolution

Model No.	With Models M7I & M5I indicators						With Model M3I 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