

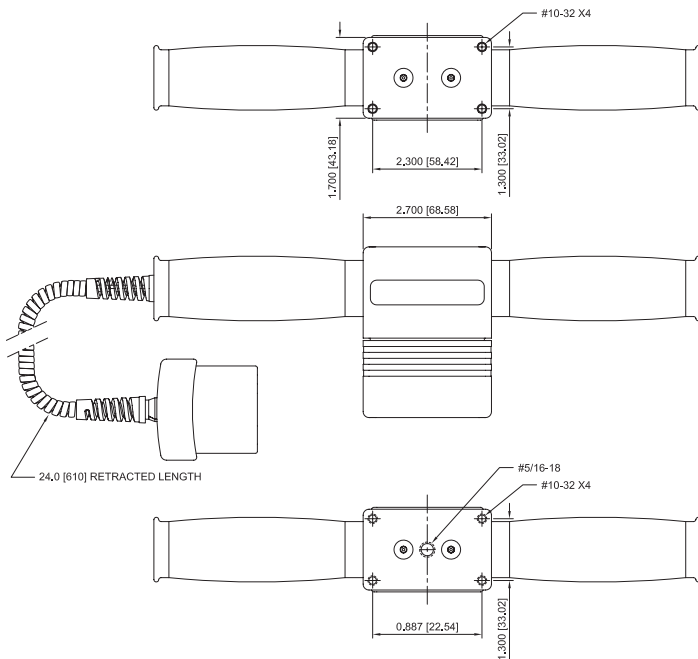
Force Sensor R05

Series R05 fully enclosed smart sensors are designed for pull / push measurements. Useful in ergonomics testing, workplace safety testing, and general lifting or tension / compression requirements. Threaded holes are supplied to accommodate various mounting configurations and attachments. For up to 500 lbF [2,500 N]. Compatible with Mark-10 model 5i and 3i indicators (sold separately) through unique Plug & Test™ technology.

SPECIFICATIONS

ACCURACY:	±0.15% of full scale + indicator
SAFE OVERLOAD:	150% of full scale
WEIGHT:	2.0 lb [0.9 kg]

- **COMPATIBLE WITH THE 5i AND 3i DIGITAL INDICATORS**
- **UNIQUE PLUG & TEST™ CONNECTOR HOLDS ALL CALIBRATION AND CONFIGURATION DATA**
- **RUGGED ALUMINUM HOUSING**
- **MEASURES PUSH AND PULL FORCE**
- **NIST-TRACEABLE CERTIFICATE OF CALIBRATION INCLUDED**
- **ACCURACY: ± 0.15% OF FULL SCALE + INDICATOR**
- **WEIGHT: 2.0 LBS (0.9 KG)**
- **WARRANTY: 3 YEARS**



A Series R05 sensor is shown in a typical pull testing application. Chain is not included.



Unique Plug & Test™ technology allows for interchangeable sensors to be used with a Mark-10 model 5i or 3i 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.

Model No.	CAPACITY x RESOLUTION								
	with Model 5i indicator					with Model 3i indicator			
	lbF	ozF	kgF	N	kN	lbF	kgF	N	
MR05-500	500 x 0.2	8000 x 5	250 x 0.1	2500 x 1	2.5 x 0.001	500 x 0.5	250 x 0.2	2500 x 2	