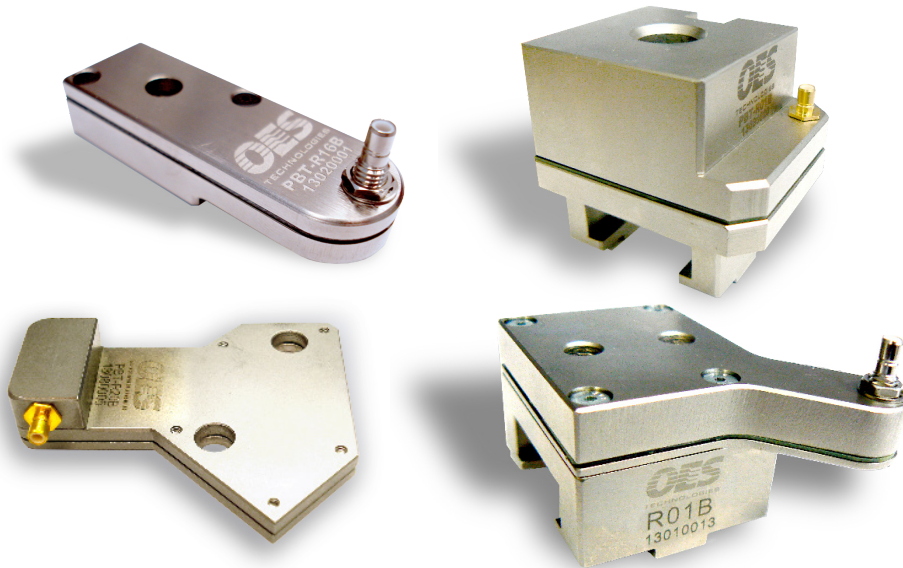


SENFIT SENSORS

For bench presses and automatic machines



SenFit Ram Adapter Models

Highly responsive sensors
custom fit for even the most
challenging crimp force moni-
toring applications

Optimizes Crimp Force Monitor performance

Highly Sensitive

- A versatile high performance sensor developed specifically for crimp force monitoring and is ideally suited for small gauge, low force crimping applications.
- Provides a high resolution crimp signature for superior defect detection
- More sensitive than quartz or piezoelectric sensors

True “Plug and Play”

- The SenFit sensor is a complete substitute of the existing Ram Adapter in your press
- Proven to be stable and reliable in challenging production environments
- Exceeds the high level of performance expectations for crimp force monitoring.

Ram Adapter Replacement

- Simply swap-out the existing Ram Adapter or (T-shank holder) for an identically shaped SenFit Ram Adapter
- The SenFit Ram Adapter detects the dynamic compression that is exerted through the Ram Adapter region, above the applicator tool, during the terminal crimping process

No More Shunting Effects

- Overcomes the limitations of conventional sensors including the risk of edge loading, overloading and shunting
- Shunting occurs when forces bypass (or are transferred in parallel to) the sensor and proceed into the base of the press.
- Shunting negatively impacts crimp force monitor effectiveness

Developed & Patented by OES

- SenFit technology has been developed by OES specifically to address the needs of the wire crimping industry
- SenFit sensors work exclusively with the ForceWorx and ForceView line of crimp force monitors

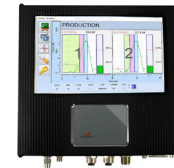
SEnFit

MODEL	APPLICATION	
SenFit Sensors	Bench Press Automatic Machine	
TECHNICAL SPECIFICATIONS		
Sensitivity range	2.2 to 22.0	mV/KgF
Measurement Range (compression)	226 to 2268	KgF
Absolute maximum force	4536	Kg
Frequency range	10	KHz
Temperature Range (Operating)	-10 to +60	°C
Excitation Voltage	20-30	VDC
Constant Current Excitation	2-20	mA
Output Bias Voltage	4-8	VDC
Electrical Connector	SMB Coaxial Jack	type
Size	machine specific	
Weight	machine specific	

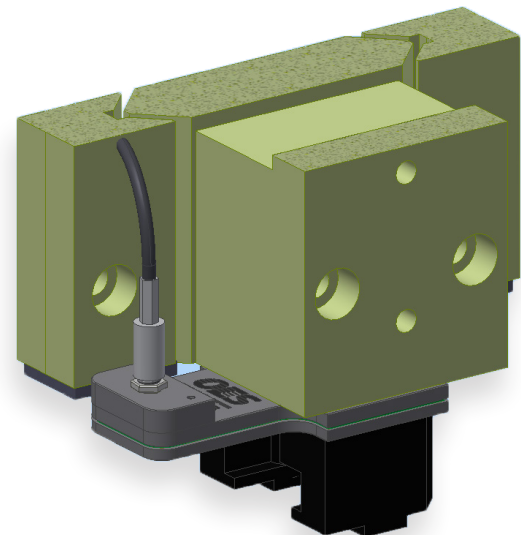
SEnFit

SenFit sensors interface exclusively with OES's crimp force monitors

FORCEworx



FORCEview



About OES Technologies

OES Technologies products and technologies are developed specifically for the wire processing industry to monitor and inspect 100% of parts produced during the manufacturing process, and prevent part defects from entering the supply chain. OES's dedication to innovation enables them to deliver a steady stream of cutting-edge technologies that meet the exacting demands of this ever-changing market.