

Brochure

Breaking the
chains on API 670
and vibration
proximity
systems as we
know it.



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TwinProx drives down **costs** an average of **20.61%** for OEMs:

- TwinProx is a **dual-channel** proximity probe driver (**2 for the price of 1**).
- **Quality** life expectancy from manufacturer of 10 years.
- Simplified installation with **probe gap distance multi-color indicators**.
- Compatible to other **API670 style proximity probe systems** such as 3300XL® and NSV®.
- **Electrical and mechanical runout** digitally eliminated without the need for degaussing and burnishing shaft.
- **Most target materials** accommodated for and linearized digitally.
- Color-coded wire terminals wired in series with up to **20 Twin Prox daisy chained** per RS485 bus line.
- **Reverse mount probe housing** and din rail mounting options.
- MODBUS RTU RS485 **interface directly to plant PLC, DCS** and other data acquisition systems. Creates dynamic vibration data from driver without a rack.

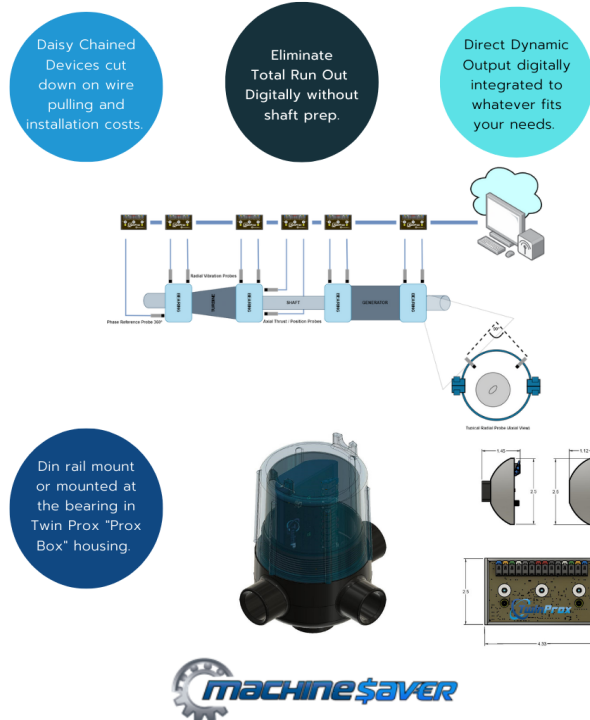
Twin Prox delivers **world-class accuracy** with proximity data:

- TwinProx units have peer-to-peer communications to provide phase-synchronized vibration data across a cluster of sensors and a **sync probe**.
- **Alarm logic** built in for paired channels allowing customers more informed decision making.
- **Raw data dynamic output** directly from Twin Prox.
- **Phase-synchronized**, event based captures across all peer TwinProx devices on the same bus from a single channels high alarm.

Designed for all **specifications** and **applications** where proximity is needed:

- **USA** designed and manufactured.
- **Design specific** for customers' machine application with API 670 design.
- **Rod drop** and rod position detection in a reciprocating compressor.
- **Reverse rotation** detection in a pump and compressor cylinder.

Designed to seamlessly fit into existing infrastructure.
Imagined to deliver vibration data like never before.
Quality that lasts a lifetime.



Revision #6

Created 10 May 2022 19:27:27 by Bach_L

Updated 6 July 2022 19:55:20 by Bach_L