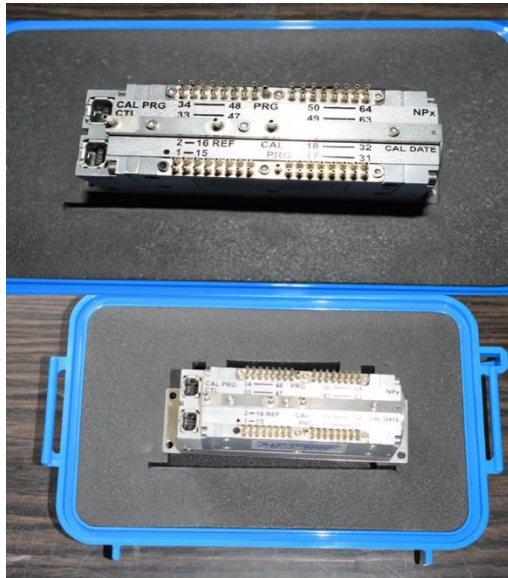


Pressure Scanner



Year of Purchase: 2018

Cost: USD 32,947.52

Description

The MPS4000 miniature pressure scanner has been designed from the ground up to be a 'game changer' in the world of multi-channel miniature pressure measurement. Scanivalve has spent years developing a product that will exceed expectations where collecting high speed / high accuracy data is paramount, and space limitations are a consideration. The MPS scanner is a complete data acquisition system simply requiring a low current dc power source (9-36Vdc) and an Ethernet connection. It has a very small footprint, TCP/IP connectivity, IEEE1588 support, and a wealth of other innovative features. The entire MPS4264 scanners is built around a brand new ultra-stable pressure sensor. Scanivalve has worked directly with a leading pressure sensor manufacturer to develop a custom packaging solution that allows us to maximize the transducers's stability and accuracy.

MPS4264 (EPx) Miniature Pressure Scanner

The all new, third valve configuration is the Electric valve (EPx). The EPx configuration allows for the valve state to be changed by using a simple software command, eliminating the need for pneumatic control pressures. This configuration is optimal when pneumatic control pressures are inconvenient or impossible to use.

Key features MPS4264

- Integral Processor for Direct Ethernet connection

- New valve design provides “isolate-purge”
- Dynamic Zero Correction for unmatched sensor stability
- Standard or “Normal Px” valve control
- IEEE1588-2008v2 PTP compatible
- Up to 2,500 samples/channel/second in “Fast Mode”, 850 samples/channel/second standard.
- Integral web server
- Simple LabVIEW® integration

Applications MPS4264

- Wind Tunnel
- Flight Test
- Engine Tests
- Tests for aerodynamic applications (e.g. air flow measurement)
- General Applications