

OPD-MS-1A Mechanical Unit

Load Capacity:	10 lbs. (dynamic load)
Operating Pressure:	5 - 50 psi.
Weight:	0.8 lbs.
Operating Temp:	-4° to +248° F
Sensitivity: (at interface center)	0.002 in. axial
Repeatability: (at interface center)	X, Y, Z, Axis +/-0.0005 in. Rotationally +/-20°
Material:	Aluminum and Nickel Plated Aluminum

OPD-MS-2HD Mechanical Unit

Load Capacity:	65 lbs. (dynamic load)
Operating Pressure:	5 - 60 psi.
Weight:	2.0 lbs.
Operating Temp:	-4° to +248° F
Sensitivity: (at interface center)	0.002 in. axial
Repeatability: (at interface center)	X, Y, Z, Axis +/-0.0008 in. Rotationally +/-20°
Material:	Aluminum and Nickel Plated Aluminum

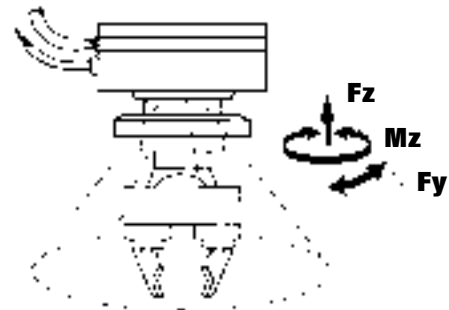
OPD-MS-3 Mechanical Unit

Load Capacity:	350 lbs. (dynamic load)
Operating Pressure:	10 - 80 psi.
Pilot for Valve:	20 psi. minimum
Weight:	30.0 lbs.
Operating Temp:	-4° to +248° F
Sensitivity: (at interface center)	0.002 in. axial
Repeatability: (at interface center)	X, Y, Z, Axis +/-0.001 in. Rotationally +/-20°
Material:	Aluminum, Nickel Plated Aluminum, and Steel

OPD-EM-U Interface Module

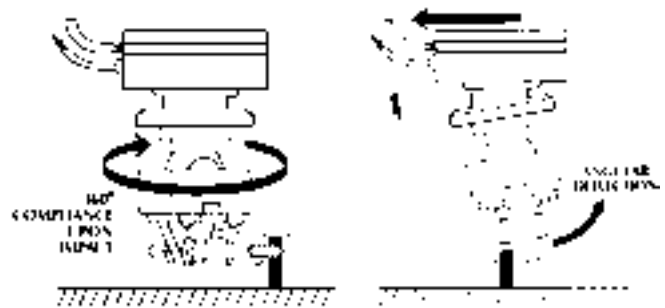
Signal Outputs:	12 VDC Current Source, 50 mA max. 5 - 24 VDC Current Sink, 75 mA max. Pulsed Signal for 1 second or continuous 2 Relay NO or NC, 110 VAC, 1 A max.
Response Speed:	Signal - 5 microseconds max. Relay - 6 milliseconds max.
Supply Voltage:	+12 VDC or +24 VDC
Maximum Current:	250 mA.
Operating Temp:	+35° to +112° F
Weight:	20 oz.

Typical Overload Conditions



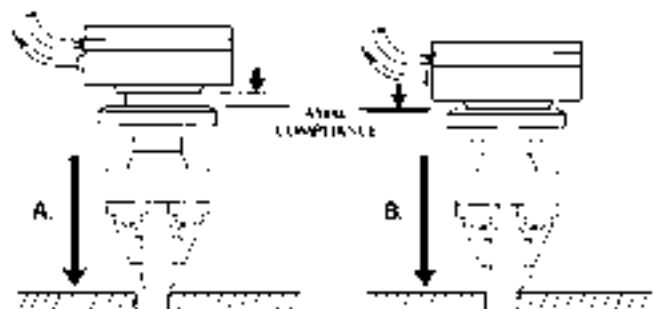
Three Axes of Protection

*Axial, angular and rotational sensing ability
allow for unlimited applications.*



Immediate Shutdown

*Coupled with the interface module, the OPD signals your process
to shut down immediately when a disruption is sensed.*



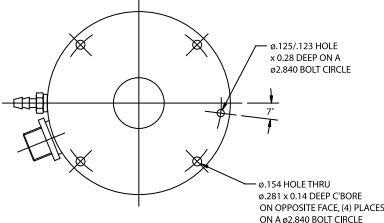
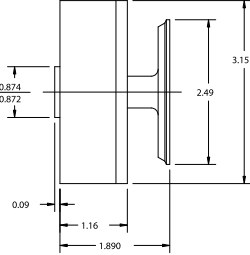
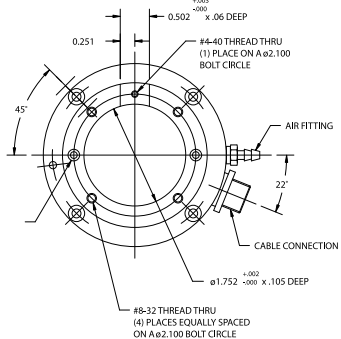
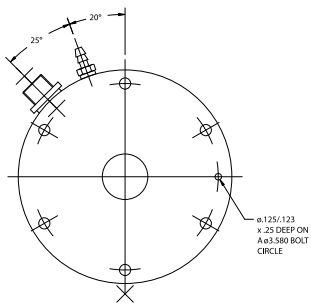
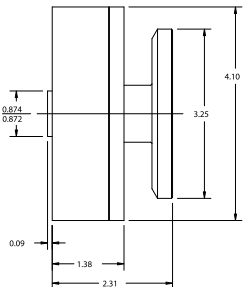
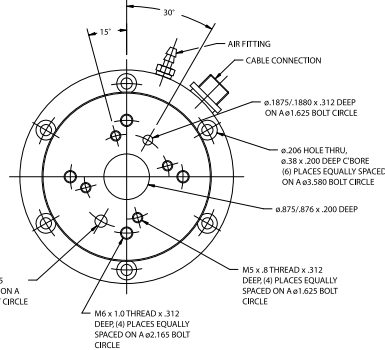
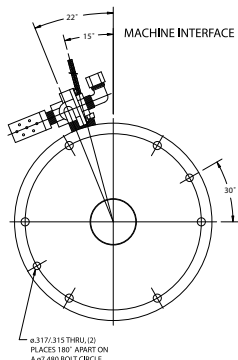
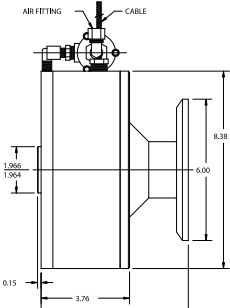
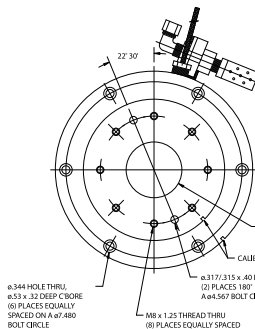
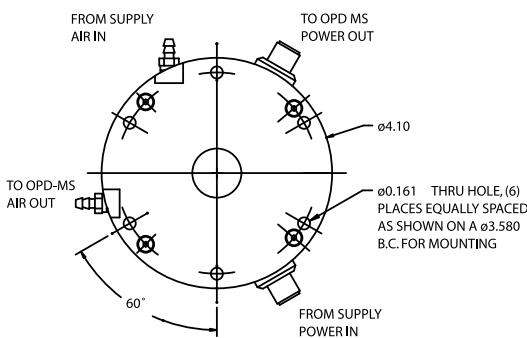
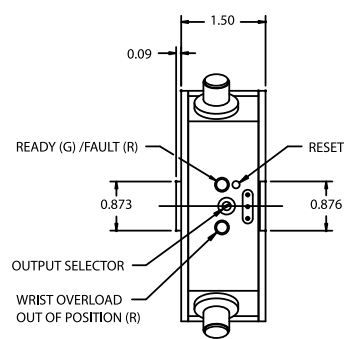
Immediate Compliance

*Because of the OPD's quick response after a "crash", you
won't have to spend time and money retooling.*



**All outputs selectable for independent
pulsed or continuous operation!**

WITH PFA'S OVERLOAD PROTECTION DEVICE (OPD), SAVE TIME, SAVE MONEY, SAVE YOUR TOOLING!

OPD-MS-1A	<div data-bbox="293 373 431 390">MACHINE INTERFACE</div>  <div data-bbox="792 373 862 390">SIDE VIEW</div>  <div data-bbox="1133 373 1271 390">TOOLING INTERFACE</div> 
OPD-MS-2HD	<div data-bbox="358 772 483 789">MACHINE INTERFACE</div>  <div data-bbox="743 772 808 789">SIDE VIEW</div>  <div data-bbox="1008 772 1133 789">TOOLING INTERFACE</div> 
OPD-MS-3	<div data-bbox="532 1192 651 1209">MACHINE INTERFACE</div>  <div data-bbox="776 1192 833 1209">SIDE VIEW</div>  <div data-bbox="1019 1192 1133 1209">TOOLING INTERFACE</div> 
OPD-EM-U	<div data-bbox="318 1619 841 1955">  <p>FROM SUPPLY AIR IN</p> <p>TO OPD-MS POWER OUT</p> <p>TO OPD-MS AIR OUT</p> <p>FROM SUPPLY POWER IN</p> <p>0.410</p> <p>0.161 THRU HOLE, (6) PLACES EQUALLY SPACED AS SHOWN ON A 0.580 B.C. FOR MOUNTING</p> </div> <div data-bbox="1008 1587 1349 1923">  <p>READY (G) / FAULT (R)</p> <p>RESET</p> <p>OUTPUT SELECTOR</p> <p>WRIST OVERLOAD OUT OF POSITION (R)</p> </div>