

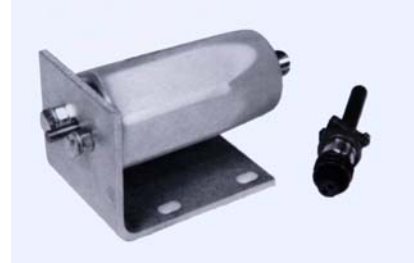


PRODUCT INFORMATION

Rotor Balancing Machine Sensor

Part Number M11194

The Mechanalysis model MIL546DP is a high-sensitivity velocity transducer for use on balancing machines. With the prod magnetically attached to the vibrating part and the case rigidly mounted to a fixed reference, voltage output is directly proportional to vibration velocity. The magnetic prod eliminates alignment problems when installing the pickup. Electrical characteristics of the MIL546DP are the same as the proven MIL544 vibration sensor.



Accessories:	Qty	Part Number
Cable connector	1	M43660
Magnetic Prod (Spare)	1	M10170

Specification

Performance

Frequency Response:	- 0-2,500Hz \pm 5%
Dynamic Range:	- 3.17mm pk-pk
Probe travel:	- 9.5mm pk-pk
Sensitivity:	- 42.52 \pm 10% mV/mm/sec Pk
Impedance:	- R=2k ohms, L = 0.7 H at 21°C

Mounting

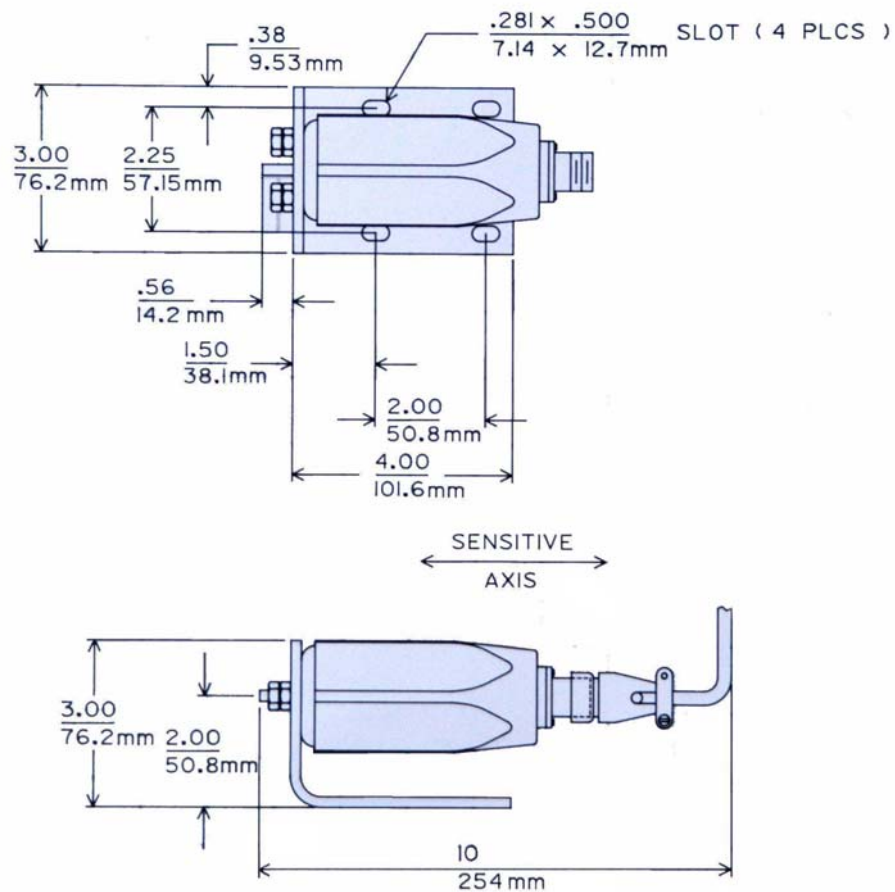
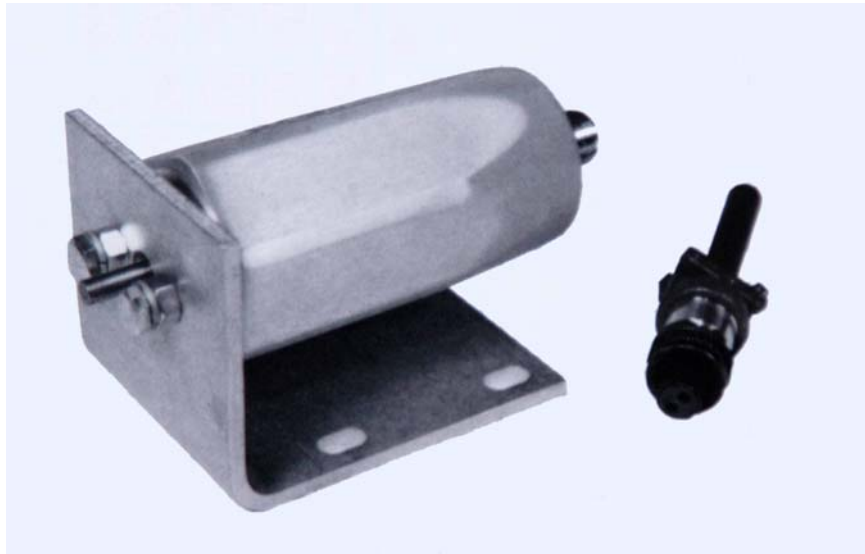
Orientation:	- Sensitive axis horizontal
Grounding:	- Case and Signal Ground common
Connector:	- 2-pin equivalent to MS-3102A-10SL-4P
Sensor Prod	- Directly connected by a magnetic prod to machine motion block

Environmental

Operating range:	- -40°C to 121°C
Sealed:	- To IEC IP50

Weight & Dimensions

Weight:	- 0.907 Kg
Dimensions:	- 63.5mm (W) x 63.5mm (D) x 138mm (L)



Mechanalysis (India) Ltd. continuously improves products; it therefore retains the right to change the above specification without notice