

**DISCFLEX**  
**force sensing disc**

Piezoelectric sensors have proven their effectiveness for many years when it comes to measuring stress or forces in connection with machine monitoring devices. The robust design, the solid-state, non wearing measuring principle, the high degree of sensitivity and the ease in handling have made piezo force sensors the standard in metalworking applications.

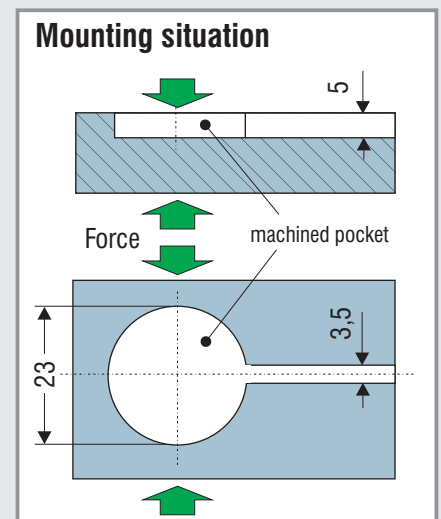
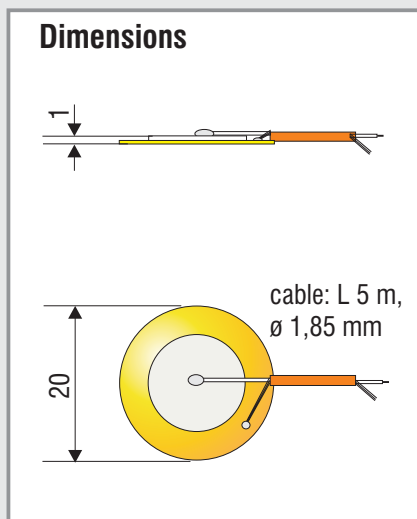
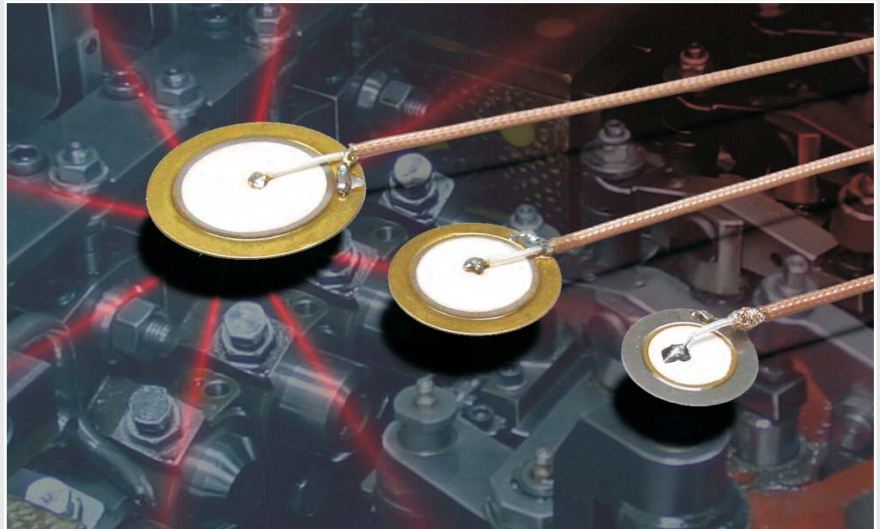
The **DISCFLEX** measuring discs are simply glued or epoxied into pockets that are machined in the area where the force is to be measured. The signal output is directly proportional to the load, and the sensor reacts to forces in both directions (compression of the disc and radial forces).

**Advantages:**

- very inexpensive sensing element
- easy and quick to install
- well protected against external damage
- requires very little space
- high resolution

**Sizes:**

8.9mm-50mm



**Application example**  
Disc sensor installed on stripper plate of a stamping die



Process Technologies Group, Inc.  
30W106 Butterfield Road  
Warrenville, IL 60555  
Phone: 630-393-4777  
Fax: 630-393-4777  
E-mail: [impaxptg@aol.com](mailto:impaxptg@aol.com)  
Web: [impaxptg.com](http://impaxptg.com)