

Drill Bit Breakage Detection Sensor

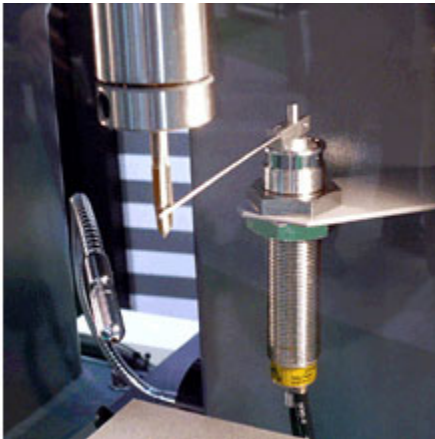


Mechanical (Pneumatic) drive type

- New control Motor-Free type
- Outstanding resistance to overcurrent and coolant

DFM3 series

Overview



These drill bit breakage detection sensors can be installed on automated and dedicated machine tools for detecting drill bit breakage by contacting a drill, tap, reamer or other tool.

Differences with Conventional Drill Bit Breakage Detection Methods


1. New Control Motor-Free Type

Outstanding durability in harsh environments - Long service life even in harsh environments containing cuttings and coolant

Protective Structure: IP67

2. Capable of detecting chipping through the use of special contacts

Specifications / Download

Product name	DFM3
Drive method	Pneumatic drive type (single-action push-out air cylinder type)
Signals	3 signals
Protective structure	IP67
Stroke (rotation angle)	100 degrees
Contact rating	DC24V 150mA(MAX)
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(Under construction)	[Under construction]