

Introducing...

The BQS Tool Detection System

from TR Electronic



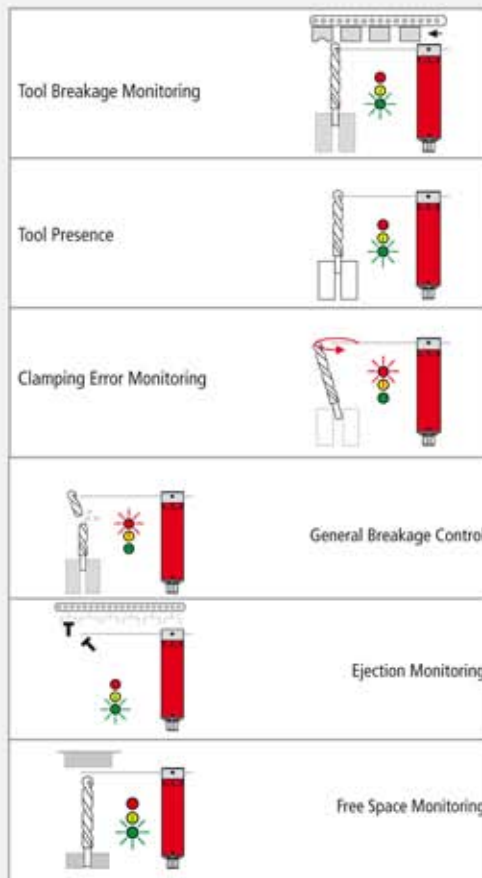
How it Works

The BQS system ensures machining centres are working correctly every time by using positive contact to check for tool presence, tool breakage, and tool ejection. It also performs object recognition, free space monitoring, process monitoring and checks for position definition and clamping errors.

The BQS System reliably shortens downtime, prevents production loss and destruction of tools and parts, recognizes trends, minimizes rejects, eliminates consequential losses and supports the manufacturing process.

The system is robust with a multi-stage sealing system, and is capable of withstanding emulsions, lubricants, aggressive coolants and respirable dust and chips.

What it Does



Results

- ✓ Prevents production loss
- ✓ Prevents destruction of tools / parts
- ✓ Shortens downtime
- ✓ Recognizes trends early
- ✓ Minimizes rejects
- ✓ Supports manufacturing process
- ✓ Eliminates consequential losses

Features

- + Multi-stage sealing concept
- + Durable anodized aluminum housing
- + External markings on stopper
- + Fixed starting position
- + Compact design
- + IP 68 Protection Class
- + Service-friendly assembly
- + Up to 10 million cycles of service life