

AUTOMATION SOLUTIONS FROM VEKTEK

An automation solution today includes a variety of interconnected, versatile products and technologies. Through the possibility of a fully automatic and process-sure machine configuration, our automation solutions meet the requirements for seamless integration into the automation system. Numerous sensing options, optional coupling elements and blow-out and blow-off of the modules speak for themselves!

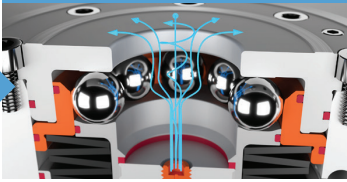
1. OPENING CONTROL



IS THE MODULE OPEN?

Monitor the piston position (opened) with pneumatic back pressure by a differential pressure switch.

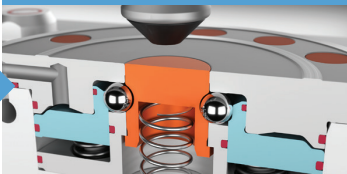
2. INTERNAL BLOW-OUT



DIRT AND CHIPS IN THE CLAMPING MODULE?

Use compressed air for cleaning dirt and debris from the inside and provide workpiece sensing through a differential pressure sensor.

3. CENTRAL LOCK



DIRT AND CHIPS UNWELCOME IN THE MODULE?

The central lock prevents dirt and chips from entering when the pull-stud is being removed. It replaces the previously required protection pull-stud.

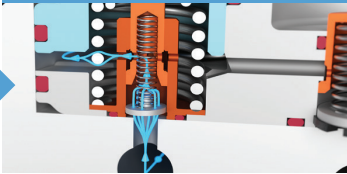
4. STUD SENSING



IS THE PULL-STUD PRESENT ON THE FIXTURE?

The retracting stud activates a stop valve, which helps to eliminate pneumatic or hydraulic static pressure. This condition is detected by a differential pressure switch.

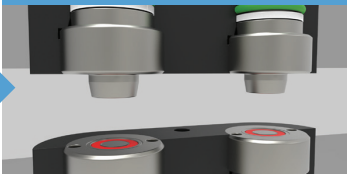
5. LOCKING CONTROL



IS THE MODULE LOCKED?

With an open module, the integrated stop valve creates a pneumatic static pressure, which is sensed via a differential pressure switch.

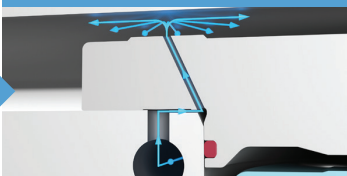
6. COUPLING ELEMENTS



ARE COUPLING ELEMENTS TO A FIXTURE NECESSARY?

Oil and compressed air can be run through our couplings without leaks.

7. BLOW-OFF/SUPPORT CONTROL



IS A WORKPIECE SEATED WITHOUT GAP OR NOT?

The blow-out function with compressed air cleans the support surfaces and can also be used for workpiece support control through a differential pressure sensor.

