

# RotaSafe™

## Rotation Contact Monitor

Made in Britain



[www.rotaval.co.uk](http://www.rotaval.co.uk)

**RotaVal**

Keeping the World's Industries Solidly in Control

# Rotation Contact Monitor

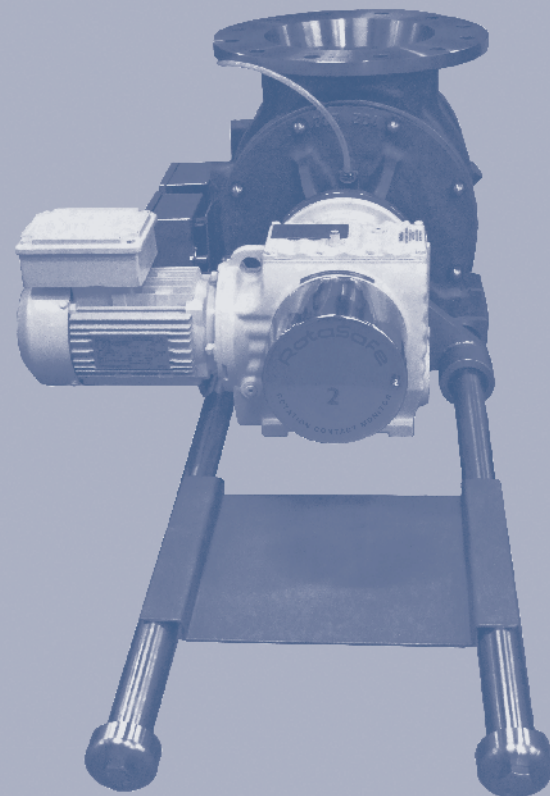
The Rotor Protection System is designed to instantly detect any contact between the rotor and valve housing while at the same time sending a signal to the panel to isolate power to the drive motor. It will primarily be of interest to customers where product contamination due to metal to metal contact is a significant issue.

## Contact between the rotor and valve housing can result from

- Excessive load on the Rotor causing deflection
- Product build-up (glazing) causing rotor shift
- Ingress of 'tramp' material in the working clearances
- Bearing failure
- Excessive temperature
- Incorrect assembly / maintenance
- Lack of maintenance



RotaSafe™ Contact Monitor fitted to HDMF Fast Clean Rotary Valve



RotaSafe™ Contact Monitor fitted to BSFC Blowing seal fast clean valve

## The Benefits of RotaSafe™

- Prevents valve material shedding into and therefore contaminating the product being handled
- Protects valve components from serious damage
- Prevents valve start-up if assembled incorrectly
- Prevents damage to ATEX Autonomous Protection System Valves which can lead to invalidation of ATEX certification
- Validated as 'Simple Apparatus' by our notified body (Baseefa) by complying with clause 5.7 of EN60079-11.2012
- The control panel is programmed to eliminate 'nuisance tripping'
- Control Module is available for panel mounting or in stand-alone panels for one or multiple valve installations
- Signals indicate:- Contact Detection – Power On/Off – Detection Circuit Failure
- Can be retrofitted to existing rotary valves



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