

PRODUCT CATALOGUE

POSIMECH

An Integral Solution for Valve Position Monitoring

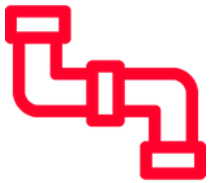
TRISOME
VALVES & ACTUATORS SPECIALISTS



THE BACKGROUND

Mounting limit switches and sensors are simple on a quarter turn valve. However, mounting them on a linear multi turn valve is not an easy task. Often, the cheapest option is selected, resulting in sloppy installation and unreliable performance.

PROBLEMS FACED



PIPELINE VIBRATIONS CAUSES FALSE ALARMS, POTENTIALLY DAMAGED ASSETS AND WASTED RESOURCES



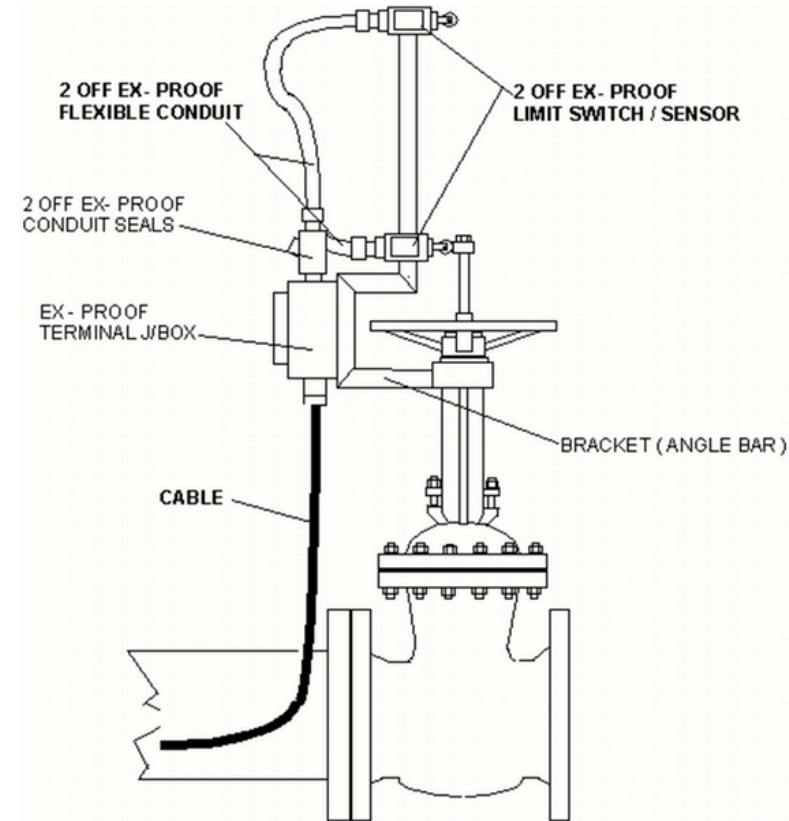
STRONG WINDS AND RAIN WILL DISORIENTATE EXPOSED SENSING MECHANISM, AND SUN MAY DAMAGE SENSORS



PROBLEMS WITH COMPATIBILITY MEANS THAT DIFFERENT DESIGNS ARE REQUIRED FOR DIFFERENT BRANDS OF SWITCHES/SENSORS



ACCIDENTAL **INTERFERENCES**, **KNOCKS**, OR **UNAUTHORIZED TAMPERING** MAY CAUSE SIGNAL DISRUPTION



**TYPICAL INSTALLATION METHOD
BULKY & FLIMSY INSTALLATION**

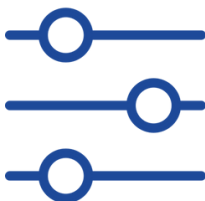


THE SOLUTION

An idea honed and developed since 1999, designed to give you a piece of mind. Never worry about your limit switches and sensors failing on you again.



DESIGNED TO FORM AS AN **INTEGRAL PART** OF THE VALVE TO GIVE THAT CLEAN LOOK AND FINISH



POSIMECH IS **FUTURE PROOF**. DESIGNED WITH YOU IN MIND, AS THE VALVE GETS OLDER AND MORE TURNS ARE REQUIRED, ADJUSTMENTS ARE EASY



CAST IRON AND STEEL USED AS A **ROBUST AND RELIABLE STANDARD**, TO STAND AGAINST THE TEST OF TIME AND THE ELEMENTS*



POSIMECH IS **COMPATIBLE WITH ANY SWITCHES/SENSORS**. POSIMECH WAS DEVELOPED WITH MODULARITY IN MIND. LOCKING DEVICES, GEARBOXES, KEY INTERLOCKING SYSTEMS ETC. YOU NAME IT, IT CAN BE DONE.

*Light weight aluminium and stainless steel body as an option, contact Trisome for further customization



MODELS - ORDER GUIDE

PM2

UP TO 2", DIRECT DRIVE

PM6

>2" TO 6", DIRECT DRIVE

PM12

>6" TO 12", DIRECT DRIVE

PM18

>12" TO 18", DIRECT DRIVE

PMG

GEAR OPERATED VALVES



LIMIT SWITCH/SENSORS SELECTIONS

- Compatible with virtually any limit switch or sensor brands

OTHER AVAILABLE CUSTOMIZATIONS

- Pad locking device
- Key Interlocking Device
- 4-20mA Output Transmitters
- Gearboxes

Note: Valve sizes listed are only a guide for selection and may vary based on the actual valve design.

REFERENCES

Vopak Pulau Sakra - Singapore
Chap Lap Kok Airport - Hong Kong
Thai Oil Refinery - Thailand
PCS - Singapore
Advario - Singapore
Jinshan Nuclear Power Plant - Taiwan
Kuo Sheng Nuclear Power Plant - Taiwan
Shell Bukom Refinery - Singapore
Banjarmasin Power Plant - Indonesia
Exxon Mobil - Singapore
Shell Port Dickson Refinery - Malaysia
Petro Seraya - Singapore

BCC2 Combined Cycle Plant - Thailand
Tuas Incineration Plant - Singapore
Petronas - Malaysia
Petron Refinery - Philippines
Denka Chemical Plant - Singapore
Blue Water FPSO - Netherlands
Ca Mau Gas Plant - Vietnam
Aramco Jubail Refinery - Saudi Arabia
Huntsman Chemical Plant - Singapore
Evos Ghent NV - Belgium
VTT Vasiliko - Cyprus
and many more...

**PROTECT YOUR ASSET'S
INTEGRITY AND LONGEVITY**
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