



Valve Monitoring Systems are designed for both local visual and remote electrical position indication of process control valves.

- Rotary control valve application in NAMUR and NON-NAMUR configurations
- Linear application for ASCO Angle Body Piston control valves
- Mechanical or proximity switch configuration



Valve Monitoring Systems

Enclosure Type	Approvals	Conduit Connection (NPT)	Indicator	Switches	Number of Switches	Catalog Number and Order Code	Approx. Shipping Weight (lbs.)
NAMUR							
Aluminum - NEMA 4, 4X	FM Class I, Division II	(2) 3/4	Yellow and Black	Tungsten Proximity 3A	2	VR2C2YAT2NGA	4.0
Aluminum - Division I	FM Class I, Division I	(2) 3/4	Yellow and Black	Tungsten Proximity 3A	2	VR7C2YAT2NGA	4.0
Aluminum - NEMA 4, 4X	NEMA 4, 4X	(2) 3/4	Yellow and Black	Mechanical SPDT - Silver Contacts 15A	2	VR3C2YAA2NGA	4.0
Plastic PBT - NEMA 4, 4X	FM Class I, Division II	(2) 3/4	Yellow and Black	Tungsten Proximity 3A	2	VR8C2YAT2NGA	4.5
Plastic PBT - NEMA 4, 4X	NEMA 4, 4X	(2) 3/4	Yellow and Black	Mechanical SPDT - Silver Contacts 15A	2	VR4C2YAA2NGA	4.5
NON-NAMUR							
Aluminum - NEMA 4, 4X	FM Class I, Division II	(2) 3/4	Yellow and Black	Tungsten Proximity 3A	2	VR2B2YAT2NGA	4.0
Aluminum - Division I	FM Class I, Division I	(2) 3/4	Yellow and Black	Mechanical SPDT - Silver Contacts 15A	2	VR7B2YAA2NGA	7.7
Aluminum - NEMA 4, 4X	NEMA 4, 4X	(2) 3/4	Yellow and Black	Mechanical SPDT - Silver Contacts 15A	2	VR3B2YAA2NGA	4.0
Plastic PBT - NEMA 4, 4X	FM Class I, Division II	(2) 3/4	Yellow and Black	Tungsten Proximity 3A	2	VR8B2YAT2NGA	4.5
Plastic PBT - NEMA 4, 4X	NEMA 4, 4X	(2) 3/4	Yellow and Black	Mechanical SPDT - Silver Contacts 15A	2	VR4B2YAA2NGA	4.5
FOR ASCO 8290 SERIES VALVES							
Plastic PBT - NEMA 4, 4X	NEMA 4, 4X	(2) 1/2	Yellow and Black	Mechanical SPDT - Silver Contacts 15A	2	HS4N1YAA2NGA	3.0

VMS Pneumatic Pilot Valves

3/2 Normally Closed																		
Pipe Size (ins.)	Orifice (ins.)	Cv Flow	Operating Pressure Differential			Max. Fluid Temp. °F	Catalog Number	Body Material	Sealing Material	Voltage	Valve Order Code	Wattage	Approvals		Rebuild Kit Order Code	Replacement Coil Order Code	Approx. Shipping Weight (lbs.)	
			Min.	Max.									UL	FM				
				Air	Water													Light Oil
1/4	1/8	0.30	35	125	-	-	158	8355A001EEAG ①	NPBR	NBR	120/60,110/50	8355A001EEAG	2.0	-	●	-	-	3.8
				125	-	-	158	8355A001EED2 ①	NPBR	NBR	24/DC	8355A001EED2	0.5	-	●	-	-	
				125	-	-	158	8355A081EEAG ①	SS	NBR	120/60,110/50	8355A081EEAG	2.0	-	●	-	-	
				125	-	-	158	8355A081EED2 ①	SS	NBR	24/DC	8355A081EED2	0.5	-	●	-	-	
4/2 Single Solenoid																		
Pipe Size (ins.)	Orifice (ins.)	Cv Flow	Operating Pressure Differential			Max. Fluid Temp. °F	Catalog Number	Body Material	Sealing Material	Voltage	Valve Order Code	Wattage	Approvals		Rebuild Kit Order Code	Replacement Coil Order Code	Approx. Shipping Weight (lbs.)	
			Min.	Max.									UL	FM				
				Air	Water													Light Oil
1/4	1/8	0.30	35	125	-	-	158	8455A001EEAG ①	NPBR	NBR	120/60,110/50	8455A001EEAG	2.0	-	●	-	-	4.0
				125	-	-	158	8455A001EED2 ①	NPBR	NBR	24/DC	8455A001EED2	0.5	-	●	-	-	
				125	-	-	158	8455A081EEAG ①	SS	NBR	120/60,110/50	8455A081EEAG	2.0	-	●	-	-	
				125	-	-	158	8455A081EED2 ①	SS	NBR	24/DC	8455A081EED2	0.5	-	●	-	-	

① Class H coil for added ambient temperature capability.

VMS Brackets/Accessories

Description	Material	Order Code	Description	Material	Order Code
VR Series Brackets					
NAMUR 30X80X20	AL	281942-001	NON-NAMUR MATRYX (XOMOX) MX-450	SS	281942-533
NAMUR 30X130X30	AL	281942-002	NAMUR 30X80X30	SS	281942-541
NAMUR 30X80X30	AL	281942-041	NON-NAMUR JAMESBURY QP1, QP2	SS	281942-568
NAMUR 30X130X50	AL	281942-042	NON-NAMUR JAMESBURY QP3	SS	281942-569
NAMUR 30X80X20	SS	281942-501	NON-NAMUR JAMESBURY QP4, QP5	SS	281942-570
NAMUR 30X130X30	SS	281942-502	BRAG 90/91 Ser. 63,83,92,118,127	SS	281942-607
WATTS PA & PAS 150,400,1000,1500	SS	281942-503	PRATT MDT OPERATOR	SS	281942-610
WORCESTER 2539	SS	281942-509	NON-NAMUR KEYSTONE 79U SIZE 6, 12	SS	281942-618
BETTIS CB-315, CB-315SR, CBL-415, CBL-415SR	SS	281942-512	NON-NAMUR KEYSTONE 79U SIZE 24, 36, 65	SS	281942-619
NON-NAMUR BETTIS CB-525, CBL-725	SS	281942-514	NON-NAMUR JAMESBURY QP6	SS	281942-624
Conduit Connector					
1/2 X 1/2 Slip-Lok	SS	280544-001	1/2 X 3/4 Slip-Lok	SS	278672-001
HS Series Bracket					
ASCO 8290 Series Valves	PA	280180-006			

