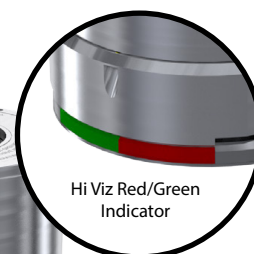


ROTARY VALVE STATUS MONITOR

The VRG Rover Rotary Valve Status Monitor is a high-performance Rotary Valve Status Monitor equipped with contactless position feedback and mechanical limit switches. The Rover features a rugged stainless steel, vibration-resistant configuration that exhibits high speed, and high-resolution valve position feedback.



SPECIFICATIONS

Model	A-HR-FS-H-2-M-3N-V-US-522	A-HR-FS-H-2-M-3N-V-US-622
VRG Part No.	VRG ROVER EXd Rotary Feedback w Limit Switches / AA ID: A-HR-FSH2M3NVUS-522 / 4-20 mA + Mechanical Limit Switches (2) / HART / CSA + IECEx / Digital Indicator VRG Part. BA-9890	VRG ROVER EXd Rotary Feedback w Limit Switches / AA ID: A-HR-FSH2M3NVUS-622 / 4-20 mA + Mechanical Limit Switches (2) / HART / CSA + IECEx / Digital Indicator + Hi Viz Red_Green Indicator / VRG Part. BA-9892
Power	24 VDC Loop-Powered	24 VDC Loop-Powered
Signal	4-20 mA + Digital	4-20 mA + Digital
Feedback Device	12-Bit Contactless - Rotary	12-Bit Contactless - Rotary
Hysteresis	<0.048%	<0.048%
Sampling Rate	150 μ sec	150 μ sec
Output Response Time	10 msec	10 msec
Maximum Load	500 Ω	500 Ω
Power Consumption	0.04 W	0.04 W
Switches	Mechanical Close (1) & Open (1) – Adjustable	Mechanical Close (1) & Open (1) – Adjustable
Visual Indicator	Digital Readout (0-100%)	Digital Readout (0-100%) + 90° Visual (Red/Green)
Area Classification	Cl 1, Div ½, Groups A, B, C, D	Cl 1, Div ½, Groups A, B, C, D
Certification	North American – CSA / IECEx / European Certification Available Option	North American – CSA / IECEx / European Certification Available Option
Housing	SS 316L	SS 316L
Temperature	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
Entry	0.500 FNPT (3)	0.500 FNPT (3)
Weight	11 Lbs.	11 Lbs.
Approx OAD	5.9 in OA DIA X 5.3 in OAH	5.9 in OA DIA X 5.3 in OAH
Input Shaft	NAMUR standard VDI/VDE 3845	NAMUR standard VDI/VDE 3845
Accessories	VRG Controls Rotary Mounting Bracket System for Use VRG RHA and RHPA Actuators	VRG Controls Rotary Mounting Bracket System for Use VRG RHA and RHPA Actuators