Moniteur

SURVIVOR-II VPT

Thermoplastic - Corrosion Resistant / Division 2 Applications

The New Standard For Harsh Environments

Moniteur's Survivor-II Valve Position Transmitter has been designed to provide the most visible and reliable valve position indication for hazardous areas rated Division 2. Molded from DuPont's SuperTough Zytel® Nylon with all-stainless steel trim, the SURVIVOR-II VPT will stand up to harsh washdowns and corrosives with ease. *Features Include:*

- Dual Potting Wells
- Stainless Steel Molded-In Inserts and Bearing
- Moniteur's patented Engineered Loc-Ring Cam and Shaft Retention System provides unsurpassed sensing accuracy over the multi-million cycle life of the physical platform.
- Clear Ektar cover offers optimum chemical resistance and strength and is environmentally sealed to prevent fogging or entry of contaminants.
- Careful material selection provides Moniteur's patented indicator a rated life of minimum 1,000,000 cycles.
- Materials of construction selected to excel in high vibration, corrosive and dirty environments, either indoors or outdoors.
- Indicator is fully adjustable to any valve or actuator.
- Internal Switches and terminal block are labeled for easier installation.
- The industry's only "true" visual valve position indicator available for multi-port valves, adjustable to match the actual physical flow pattern of the valve.

SuperTough Zytel Housing rated nema 4, 4x

Industry Approvals: CSA
Class I, Division 2, Groups A, B, C & D;
Class II, Division 2, Groups E, F & G

Material Specifications

- Enclosure - SuperTouch Zytel® Nylon with Molded-In Stainless Steel Inserts
- Shaft - 303 or Optional 316 Stainless Steel
- Shaft Locking Ring - Stainless Steel
- Indicator cover - Ektar Copolyester
- Bearing - Bronze or Optional 303 Stainless Steel
- Fasteners - 316 or 18-8 Stainless Steel
- O-rings - BUNA-N or Optional Viton
- Cams and Splines - Acetal

Options

- 2 or 3 - 1/2" NPT Conduit Entries
- 1, 2, 3 or 4 Mechanical SPDT Switches.
- 1, 2, 3 or 4 Tungsten or Rhodium TTL Hermetically Sealed Proximity Switches
- 1 or 2 DPDT Mechanical Switches
- 1, 2, 3 or 4 Inductive Proximity or Intrinsically Safe Sensors
- Standard NAMUR, Low Profile NAMUR or Standard Shaft (1/4" flats)
- 4-20mA Transmitter or 0-1k or 10k ohm High Linearity Potentiometer for 0-100% Analog Output

MONITEUR DEVICES INCORPORATED
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www.moniteurdevices.com

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Popular Switch and Sensor Specifications

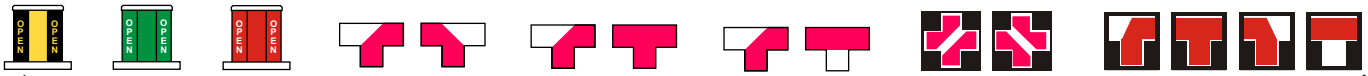
- TTL Hermetically Sealed Proximity Switches

Electrical Ratings
Rhodium (DC Signals):
1 A / 24VDC
Tungsten (AC Signals):
1 A / 30 VAC - 2 A / 24VDC
Operating Temperature
-40 to +175 °F

- Pepperl & Fuchs NJ2-V3-N NAMUR Inductive Sensors (Intrinsically Safe)

Electrical Ratings
NAMUR 5-25 VDC
Target Present 3-15 mA
Target Absent <1mA
Operating Temperature
-25 to +140 °C

Open/Closed and 3-Way Path Indicators



'Y' 'A' 'C' 3-Way 'O' 3-Way 'T' 3-Way 'F' 4-Way 'S' 3 Way 180 Degree '1'

Intelligent Part Number System

R	M	Y	S	-	E	T	2	0
Series	Cover	Indicator	Bearing		Shaft	Switch	Quantity	Conduit

Description	Code
Series: Survivor-II	R
Moniteur	
With Indicator	M
Flat Cover	F
Indicator Type (open/closed)	
No Indicator (Flat Cover)	N
Black / Yellow (Standard)	Y
Green / Red	A
Red / Green	C
0-100% Digital	P
3-Way Path O (90 deg.)	O
3-Way Path T (90 deg.)	T
3-Way Path F (90 deg.)	F
4-Way Path S (90 deg.)	S
180 degree T-port	1
180 degree L-Port - OcOc	5
180 degree L-Port - OOcc	6
ANSI Green / White	G
ANSI Blue / White	B
ANSI Red / White	R

Description	Code
Bearing	
303 Stainless w/Loc-Ring	S
Shaft	
Standard 303 SS	1
Standard 316 SS W/ Dual O-Rings	3
Low Profile NAMUR 303 SS	5
Low Profile NAMUR 316 SS W/ Dual O-Rings	7
NAMUR 303 SS	E
NAMUR 316 SS W/ Dual O-Rings	G
Switch/Sensor Type	
Tungsten TTL Prox 1A-30VAC, 2A-24VDC	2
Rhodium TTL Prox 1A-24VDC	T
P&F NJ2-V3-N, NAMUR	8
Sensor Quantity	1-4

Description	Code
Conduit Connection	
2 - 1/2" F NPT	0
3 - 1/2" F NPT	6
Options	
Transmitter 4 - 20mA	- 420
Potentiometer 0 - 1k	- 1K
All Viton Seals	-V
12 Terminal Points	-12T
16 Terminal Points	-16T
Double O-rings	-DR

Contact Moniteur for additional option codes and custom requirements

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