



## YF Series Weatherproof Position Monitoring Limit Switch



YF Series position monitoring switch boxes are rotary position indication devices designed to integrate valve and NAMUR rotary pneumatic actuator with a variety of mounting options, configurations, and internal switches or sensors. They are specially designed to be suitable for small size pneumatic actuators and valves to reduce installation space, yet still provide high performance by equipping a variety of switches and sensors.

### FEATURES

- Easy, precise cam set with no need for a setting tool. Red cam for close, green cam for open.
- Terminal blocks and socket type terminal strip with screws (max. 2.5mm<sup>2</sup>, 26 A @ 86°F, approved by UL, CSA).
- Visual position indicator directly engaged with driving shaft to provide continuous position indication. Red for close, yellow for open.
- High strength, chemical resistant and transparent polycarbonate dome for high visibility and reliability.

### SPECIFICATIONS

- Enclosure:**  
Weatherproof IP 67, O-ring sealed
- Exterior and Interior Coating:**  
Epoxy-polyester coated to protect against corrosion
- Mounting Bracket:**  
Stainless steel acc. to VDI/VDE3845, NAMUR, SS1, SS2 as standard
- Cable Entries:**  
(2) 1/2" NPT
- Terminals:**  
8 block terminal strip  
(6 for switches, 2 for solenoid valve power)
- Position Indicator:**  
Dome type, 0-90°, L-port, T-port
- Switches:**  
(2) SPDT mechanical switches

### SWITCH RATINGS

- 16 A @ 125/250 VAC
  - 16 A @ 8 VDC
  - 10 A @ 30 VDC
- (approved by UL, CSA)

### TEMPERATURE RANGE

-40°F to 212°F

### TYPICAL APPLICATIONS

- Air drying equipment
- Pollution control equipment
- Process control applications
- Laundry equipment
- Textile dyeing and drying
- Bottling and dispensing equipment
- Ink and paint dispensing
- Industrial compressors

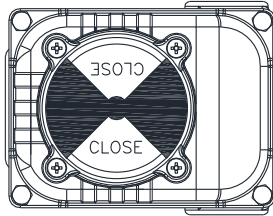


## YF Series

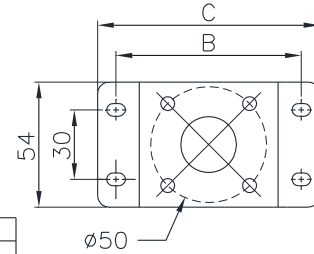
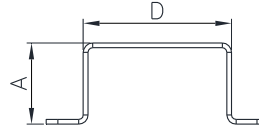


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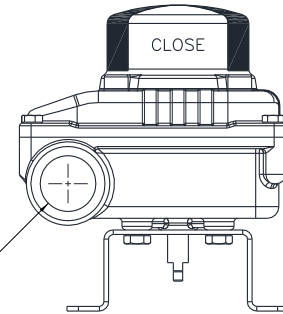
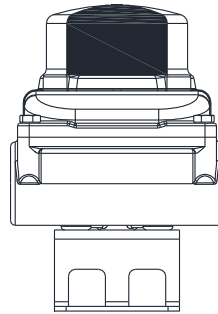
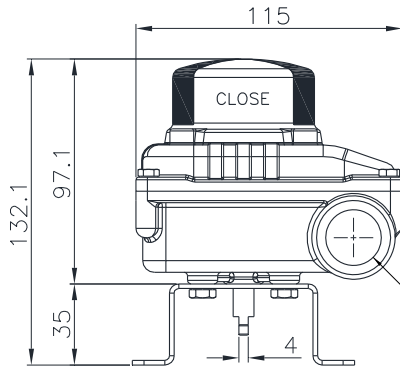
### DIMENSIONS



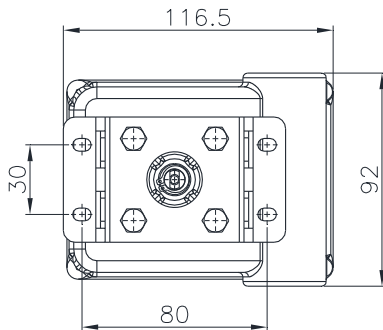
#### Brackets



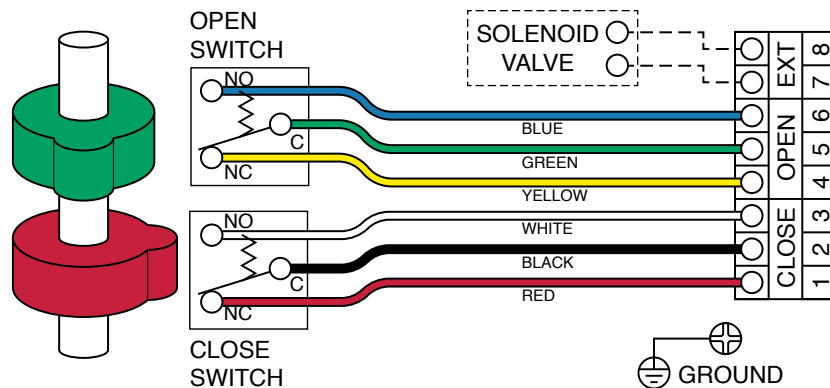
	A	B	C	D
80x30x20	35	80	96	64
80x30x30	45	80	96	64
130x30x30	45	130	150	100



#### Cable Entries 1/2" NPT



### WIRING





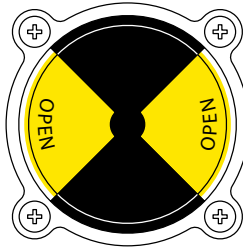
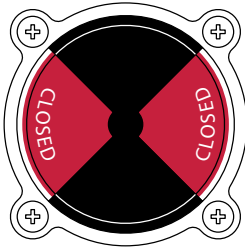
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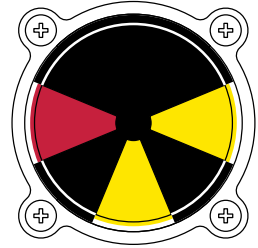
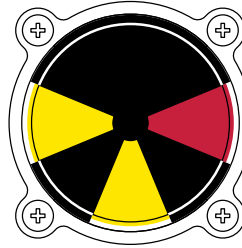
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### VISUAL PORT POSITION INDICATORS

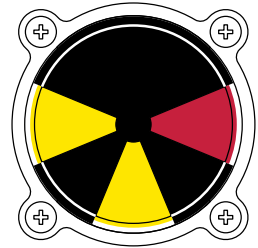
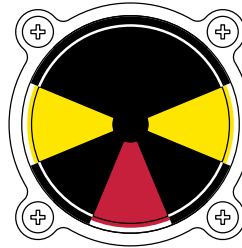
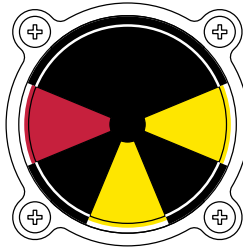
YF 2-way



YFL 3-way "L" Port



YFT 2-way "T" Port



### ORDERING INFORMATION



Series: \_\_\_\_\_

**YF** = Basic weatherproof switchpack with (2) SPDT mechanical switches

Visual Port Indication: \_\_\_\_\_

(omit) = 2-way valve OPEN/CLOSED

**L** = 3-way "L" port

**T** = 3-way "T" port

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