

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. 2.5mm², 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.

YF SERIES MODEL NUMBERING

Model Number: _____

Configuration: _____
F = Switch Only

Optional:

Port Style: _____
(Leave blank for 2-way Valves)
L = For L Ported 3-way Valves
T = For T Ported 3-way Valves

Y X X

TEMPERATURE RANGE

-4°F to 176°F

SWITCH RATINGS

16 A @ 125/250 VAC
0.6 A @ 125 VDC
0.3 A @ 250 VDC
(approved by UL, CSA)

ADDITIONAL SPECIFICATIONS

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.

