

LIMIT SWITCH FOR SLUICE/ GATE VALVES

FEATURES

- » ISO and IGBC Approved.
- » NEMA 4- suitable for indoor/outdoor use *** For outdoor use please use suitably rated conduit and connector.
- » Contact Ratings:
 - » OSY-1: One set SPDT (Form C)
 - » 10.1Amps at 125/250 VAC
 - » 2.0Amps at 24 VDC
- » loads may have power factor 0.6
- » Operating Temperature Range: -40° F to 150°F (-40°C to 66°C)
- » Visual switch indicators and adjustable length trip rod
- » Accommodates up to 12AWG wire
- » Three position switch monitors vandal and valve close signals.
- » Conduit Entrances: One opening for 1/2" conduit.
- » Service Use: Automatic Sprinkler: NFPA-13
- » One or Two Family Dwelling: NFPA-13D Residential
- » Occupancies up to 4 stories: NFPA-13R National Fire Alarm Code: NFPA-72



SPECIFICATIONS

The OSY-1 supervisory switch is used to monitor the open position of an OS&Y (outside screw and yoke) type gate valve. OSY-1 supervisory switch shall be installed on each valve as designated on the drawing and/or as specified herein. Switches shall be mounted so as not to interfere with the normal operation of the valve and shall be adjusted to operate with two revolutions of the valve control or when the stem has moved no more than one-fifth of the distance from its normal position. Supervisory switch shall have one form C contacts, switch contact rating 10.1Amps at 125/250VAC, 2.0Amps at 24 VDC.

