

## NSO-0 ROTARY SWITCH

NSO-0 Rotary Master Switch features the same rugged design components and versatility as the NSO series of Joysticks.



## SPECIFICATIONS

### GENERAL DATA

|                          |  |
|--------------------------|--|
| Output Options           | Contacts, Potentiometer, Encoder, 4-20mA & Transformer |
| Handle Action            | Spring Return, Friction Brake or Maintained            |
| Handle Travel            | +/- 36 degrees each axis                               |
| Max of Steps             | Up to 7-0-7 or 0-16 positions                          |
| Handle Compatibility     | Teardrop, pistol grip & chrome steel ball lever        |
| Life                     | 10 million cycles                                      |
| Materials                | Aluminum body and nickel chromium yoke.                |
| Est. Shipping Weight     | 4 lbs.   |
| Est. Shipping Dimensions | 10 in. x 10 in. x 10 in.                               |

### MOUNTING DATA

|                    |  |
|--------------------|--|
| Mounting Style     | Panel (from below)   |
| Mounting Footprint | 2.84" x 2.84"<br>See literature for additional mounting specifications |

## ENVIRONMENTAL DATA

IP Rating Up to IP66 / Nema 4x (with cast enclosure & round nameplate)

Operating Temperature -13 to +158 degrees F [-25 to +70 degrees C]

Storage Temperature -40 to +158 degrees F [-40 to +70 degrees C]

## ELECTRICAL DATA

Switch Type:  
Double Pole Snap-In Contact Blocks

Max. Number:  
Up to 10 contact blocks (20 circuits)

Max. Switching Capacity:  
Making - 100 amps Breaking - (0.7PF) 240V 80 amps

Contact Specifications Rating (AC):  
Continuous 16 amps @ 240V  
Resistive 8 amps @ 240V  
Inductive 6 amps @ 240V

Termination:  
Captive Saddle Clamp

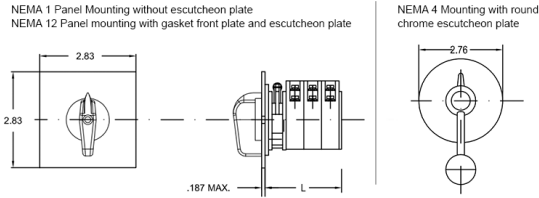
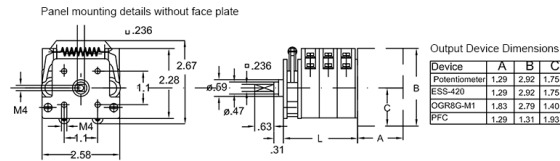
Max. Wire Size:  
12 AWG

Additional Specifications Reference product literature for additional specifications

# Technical Drawings

## Dimensional

All dimensions in inches [mm] and are subject to change.



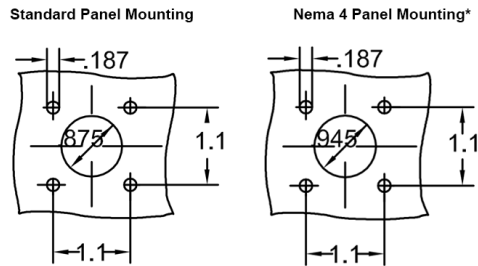
Number of double pole contact blocks

|                    | NSOO1_ | NSOO2_  | NSOO3_  | NSOO4_  | NSOO5_  | NSOO6_  | NSOO7_  | NSOO8_  | NSOO9_  | NSOO10_ |
|--------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| "L" dim. w/dstent  |        |         |         |         |         |         |         |         |         |         |
| "L" dim. w/sp.net. |        | NSOO1_R | NSOO2_R | NSOO3_R | NSOO4_R | NSOO5_R | NSOO6_R | NSOO7_R | NSOO8_R | NSOO9_R |
| Length "L"         | 1.26   | 1.97    | 2.52    | 3.15    | 3.74    | 4.33    | 4.92    | 5.51    | 6.10    | 6.69    |

NSO-0 overall dimensions

## Mounting

All dimensions in inches [mm] and are subject to change.



\*For use with round chrome nameplate

Standard and NEMA 4 panel mounting details