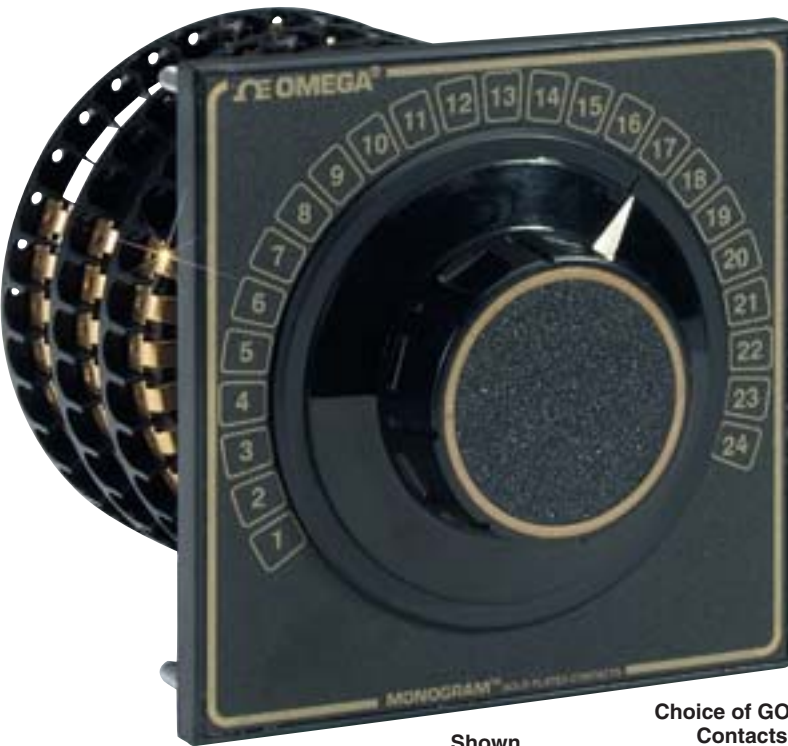


# Rotary Selector Switches

## For Thermocouple, RTD and Thermistor Circuits



Shown actual size



Choice of GOLD or SILVER Contacts Available

### OSW Series



- ✓ 76 mm (3"), 127 mm (5") and ¼ DIN Sizes
- ✓ Gold or Silver Plated Contacts
- ✓ 2 or 3 Poles in 76 mm (3") and 127 mm (5") sizes
- ✓ 2, 3, or 4 Poles in ¼ DIN Size
- ✓ 2 to 34 Positions
- ✓ Round or Pistol Grip Handles
- ✓ Wire Connecting Combination Screws Included

For isothermal, low resistance switching of temperature measurement circuits, OMEGA offers three styles of selector switches. The OSW style features silver plated contacts, while the OSWG line includes gold plated

contacts. The SW14 ¼ DIN switches come with a choice of gold or silver-plated contacts. Each style offers 2 to 34 positions in a break-resistant Noryl case.

The isothermal design of these rotary switches minimizes temperature gradients between the input and output thermocouple wiring. This in turn minimizes errors in transmitting thermocouple signals due to the generation of a thermal emf at the wire junctions. The low resistance of the silver or gold plated contacts also enables switching of temperature sensitive resistance devices, such as RTD's and thermistors.

Two pole SW and OSW series switches have a convenient "off" position. The "off" position may be left as an open circuit or shorted to keep spurious signals from registering on thermocouple instruments. Each pole is fully isolated. For quick and easy wiring, the terminals located at the rear of the switch are clearly marked.



MONOGRAM® SERIES with gold plated contacts



Any switch is available with a standard round knob or an optional pistol grip handle. Viewing the switch from a distance is generally easier with a pistol grip handle, as is switching its position while wearing gloves.

# ¼ DIN Rotary Selector Switches with “Jab-In” Connections

- ✓ Fits Standard ¼ DIN Cutout
- ✓ Gold or Silver Plated Contacts
- ✓ 2, 3, or 4 Poles
- ✓ 2 to 34 Positions
- ✓ Round or Pistol Grip Handles
- ✓ For Thermocouple, RTD or Thermistor Circuits

Shown actual size



We can supply pre-configured 483 mm (19") panels with connectors, switch and meter installed for most any application. Consult sales for details.



## SW142-10-M



ECEFast is pleased to offer a rotary selector switches in a ¼ DIN size. Like our other rotary selector switches, this model is available with Break Before Make and Make Before Break contact action. Models are available with 2 to 34 positions in 2, 3 or 4 pole versions. Available with a standard round knob or optional pistol-grip handle. The ¼ DIN switch also has “jab-in” style connections.

### Jab-in Connections on ¼ DIN Switch only



Easy to Use Jab-In Connections; No Loose Hardware

### Dimensions

- Bezel:** 96 mm ( 3.78") sq, ¼ DIN  
**Panel Depth:**  
 2-pole, 63 mm (2<sup>13</sup>/<sub>32</sub>"")  
 3-pole, 82 mm (3<sup>5</sup>/<sub>32</sub>"")  
 4-pole, 101 mm (3<sup>29</sup>/<sub>32</sub>"")  
**Panel Cutout:** 92 mm (3<sup>5</sup>/<sub>8</sub>"") dia.  
**Face Height:** 28 mm (1<sup>3</sup>/<sub>32</sub>"");  
 67 mm (2<sup>5</sup>/<sub>8</sub>"") with pistol grip

### MOST POPULAR MODELS HIGHLIGHTED!

#### To Order (Specify Model Number) ¼ DIN Units

No. of Poles	No. of Positions	Silver-Plated Contacts		Gold-Plated Contacts	
		Model No.		Model No.	
2	2	SW142-2-(* )		SW142G-2-(* )	
	4	SW142-4-(* )		SW142G-4-(* )	
	6	SW142-6-(* )		SW142G-6-(* )	
	8	SW142-8-(* )		SW142G-8-(* )	
	10	SW142-10-(* )		SW142G-10-(* )	
	12	SW142-12-(* )		SW142G-12-(* )	
	16	SW142-16-(* )		SW142G-16-(* )	
	18	SW142-18-(* )		SW142G-18-(* )	
	20	SW142-20-(* )		SW142G-20-(* )	
	24	SW142-24-(* )		SW142G-24-(* )	
3	2	SW143-2-(* )		SW143G-2-(* )	
	4	SW143-4-(* )		SW143G-4-(* )	
	6	SW143-6-(* )		SW143G-6-(* )	
	8	SW143-8-(* )		SW143G-8-(* )	
	10	SW143-10-(* )		SW143G-10-(* )	
	12	SW143-12-(* )		SW143G-12-(* )	
4	2	SW144-2-(* )		SW144G-2-(* )	
	4	SW144-4-(* )		SW144G-4-(* )	
	6	SW144-6-(* )		SW144G-6-(* )	
	8	SW144-8-(* )		SW144G-8-(* )	
	10	SW144-10-(* )		SW144G-10-(* )	
	12	SW144-12-(* )		SW144G-12-(* )	
	16	SW144-16-(* )		SW144G-16-(* )	
18	SW144-18-(* )		SW144G-18-(* )		
20	SW144-20-(* )		SW144G-20-(* )		
24	SW144-24-(* )		SW144G-24-(* )		
30	SW144-30-(* )		SW144G-30-(* )		
34	SW144-34-(* )		SW144G-34-(* )		

\*Specify contact action: “B” = Break Before Make, “M” = Make Before Break. Comes complete with mounting hardware, panel cutout template and instruction manual. To order with optional pistol grip handle add suffix “-PG” to model number

To Order a Retro-fit Kit for Pistol Grip Handle Specify: SW14-PG for silver plated contacts, SW14G-PG for gold plated contacts.

Ordering Example: SW142-10-M-PG specifies a 2-pole, 10-position switch with Make Before Break action, silver-plated contacts and optional pistol grip handle.

Ordering Example: SW143G-14-B 3-pole, 14 position switch with Break Before Make action, gold-plated contacts .