

## Honeywell Sensing and Control



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### 53C2250



Actual product appearance may vary.

**53 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 2 W Power Rating, 250 Ohm Resistance Value**

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#### Features

Robust nickel-plated brass shaft and bushings  
 Conductive plastic element  
 Linear taper  
 25,000 cycle rotational life  
 Locking style bushing

#### Potential Applications

Manual controls (throttle, joystick)  
 Electric vehicles  
 Personal mobility  
 Off-road vehicles  
 Welding and heating  
 Telecommunications

#### Description

The 53 Series is an economical potentiometer made with a rugged construction. It offers a 2 watt power rating and the benefits of a conductive plastic element. It is available in a special construction that accepts a rotary switch (purchased separately).

#### Supporting Documentation

None Available

Product Specifications	
Potentiometer Type	Industrial
Element Type	Conductive Plastic
Terminal	Solder lug
Power Rating	2 W
Resistance Value	250 Ohm
Resistance Tolerance	± 10 %
Linearity	± 5 %
Bushing Thread	9,53 mm [0.375 in] x 32 NEF-2A
Bushing Length	12,7 mm[0.5 in]
Bushing Type	Locking
Shaft Diameter	6,35 mm [0.25 in]
Shaft Length	15,88 mm [0.625 in]
Shaft Ending	Slotted
Body	27.8 mm [1.094 in] diameter max.

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	except at terminal standoff
Electrical Taper	Linear
Operating Temperature	-55 °C to 120 °C [-67 °F to 248 °F]
Working Voltage (Max.)	500 V
Rotational Life	25000 cycles
Mechanical Rotation	312°
Availability	Global
Series Name	53
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers

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