Honeywell

Honeywell Sensing and Control

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53C375K

Actual product appearance may vary.

53 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 2 W Power Rating, 75 kOhm Resistance Value

Features

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

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

Dimensions   **Accessory: Knobs and Dial Plate**

Product Specifications	
Potentiometer Type	Industrial
Element Type	Conductive Plastic
Terminal Type	Solder lug
Power Rating	2 W
Resistance Value	75 kOhm
Resistance Tolerance	± 10 %
Linearity	± 5 %
Bushing Thread	9,53 mm [0.375 in] x 32 NEF - 2A
Bushing length	9,53 mm [0.375 in]
Bushing Type	Standard
Shaft Diameter	6,35 mm [0.25 in]
Shaft length	22,23 mm [0.875 in]
Shaft Ending	Slotted
Body	27.8 mm [1.094 in] diameter max. 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