

Honeywell Sensing and Control



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RA20NASD502A



Actual product appearance may vary.

**RA20 Series Industrial Potentiometer,
Wire Wound Element, Solder lug
Terminals, 2 W Power Rating, 5 kOhm
Resistance Value**

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Features

Robust nickel-plated brass shaft and bushings
Wirewound element
Linear taper
Very stable over the operating temperature
Meets MIL-R-19 standards

Potential Applications

Manual controls
Welding and heating

Description

The RA20 Series is a military qualified potentiometer made in accordance to MIL-R-19 specifications. It offers a 2 watt power rating and a wirewound element.

Supporting Documentation

[▶ Dimensions](#)

Product Specifications	
Potentiometer Type	Industrial
Element Type	Wire Wound
Terminal Type	Solder lug
Power Rating	2 W
Resistance Value	5 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	28.6 mm [1.125 in] diameter, ± 0.79 mm [0.031 in], except at terminal

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	standoff
Electrical Taper	Linear
Operating Temperature	-55 °C to 105 °C [-67 °F to 220 °F]
Working Voltage (Max.)	310 V
Rotational Life	25000 cycles
Mechanical Rotation	300°
Availability	Global
Series Name	RA20
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers

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