

## Honeywell Sensing and Control



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### RA20LASB501A



*Actual product appearance may vary.*

**RA20 Series Industrial Potentiometer,  
Wire Wound Element, Solder lug  
Terminals, 2 W Power Rating, 500 Ohm  
Resistance Value**

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#### Features

Robust nickel-plated brass shaft and bushings  
Wirewound element  
Linear taper  
Very stable over the operating temperature  
Locking style bushing  
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       | 500 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                   | 28.6 mm [1.125 in] diameter, ± 0.79 |

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|                        |  |
|------------------------|--|
|                        | mm [0.031 in], except at terminal 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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