

Industrial Potentiometer



KEY BENEFITS

- High 2 W power rating
- Offers US bushing threads and a fully-sealed IP67 package
- Features 19.6 mm diameter; provides a compact alternative to the MIL RV4
- Cermet element for increased stability; high stability vs. carbon (down to $\pm 3\%$ drift after 1000 hours)
- Nickel-plated brass shaft provides greater reliability and robustness; custom shafts available
- Low 1 % typical contact resistance variation
- Operating temperature range of $-55\text{ }^{\circ}\text{C}$ to $+125\text{ }^{\circ}\text{C}$; ensures reliable operation even in extreme environments
- Utilizes faston 2.86 connections

APPLICATIONS

- Control panels
- Heavy-duty and off-road controls
- Position controls

RESOURCES

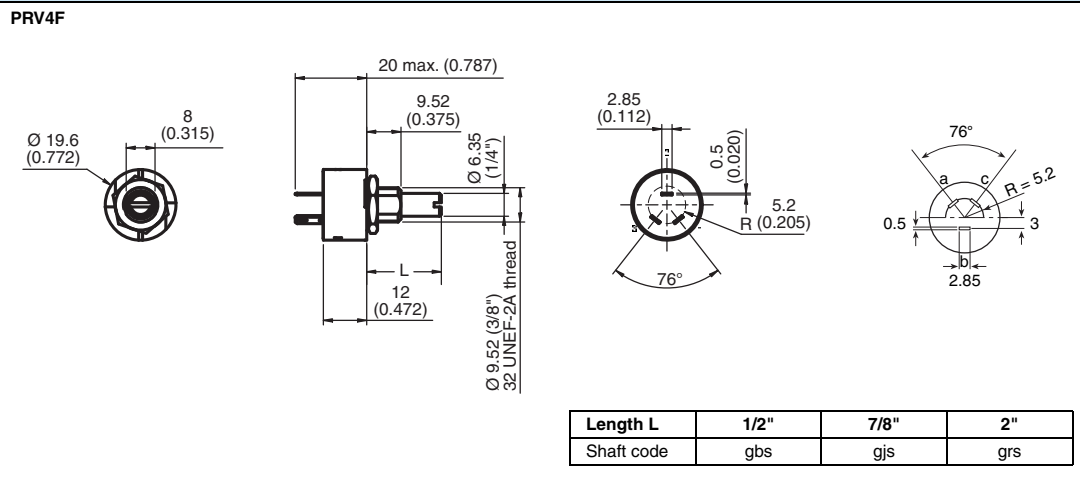
- Datasheet: PRV4 - <http://www.vishay.com/doc?50004>
- For technical questions contact sfer@vishay.com



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FEATURES

- High power rating 2 W at 70 °C
- Full sealing
- Low contact resistance variation (1 % typical)
- Robust nickel plated brass shaft
- Use of faston 2.86 connections
- Cermet element
- Center detent option
- Test according to CECC 41000 or IEC 60393-1
- Electrical performance in accordance with MIL-PRF-94 standards
- Compliant to RoHS Directive 2011/65/EU


**RoHS
COMPLIANT**
DIMENSIONS in millimeters (inches) ± 0.5 mm (± 0.02 ")

ORDERING INFORMATION (Part Number)

P	R	V	4	F	L	G	J	S	1	0	2	M	L				
MODEL	BUSHING	OPTION			SHAFT	SHAFT END		OHMIC VALUE		TOLERANCE		TAPER		SPECIAL			
PRV4	F = $\varnothing 3/8$ "	L = LPRP 0 = No option			GB GJ GR AP	S = Slotted R = Round F = Flatted D = Custom		Linear from 20 Ω to 10 M Ω Logarithmic from 100 Ω to 2.5. M Ω 102 = 1 k Ω		M = 20 % On request: K = 10 %		A = Linear L = Clockwise logarithmic F = Inverse clockwise logarithmic		CV1M = Detent option or special code given by Vishay			

PART NUMBER DESCRIPTION (for information only)

Revision 14-Feb-11

PRV4	F	L	GJ	S	1K	20 %	L		BO50			e3
MODEL	BUSHING	OPTION	SHAFT	SHAFT END	VALUE	TOLERANCE	TAPER	DETENT OPTION	PACKAGING	AP N°	SPECIAL	LEAD (Pb)-FREE

Resistors - High 2 W Power Rating