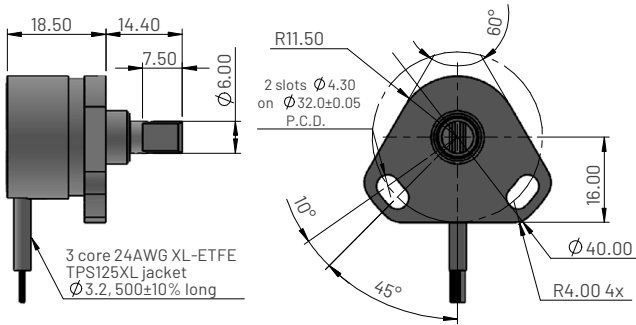


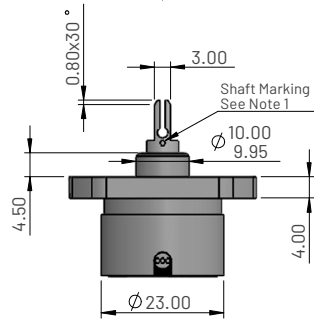
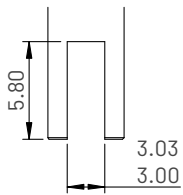
RP5300 Series - Rotary potentiometer

High performance series

Dimensions for RP5310 - Triangular flange - sprung shaft



Drive shaft detail

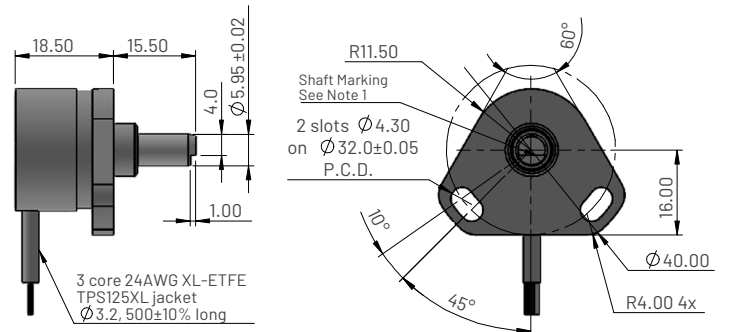


Ordering information

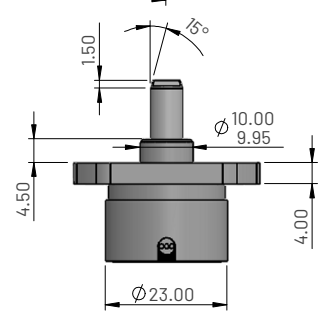
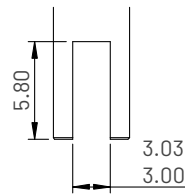
RP5310-XXX

Electrical angle in degrees

Dimensions for RP5320 - Triangular flange - round shaft



Drive shaft detail

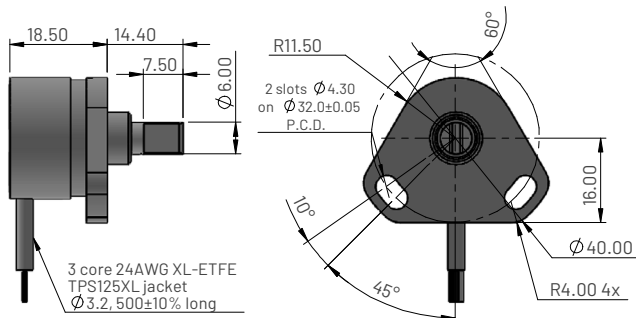


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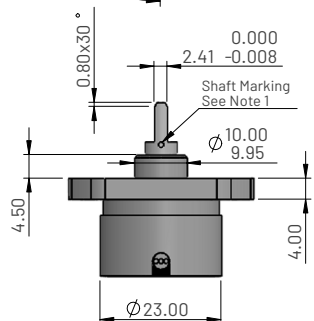
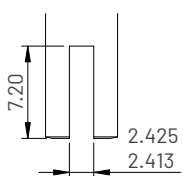
RP5320-XXX

Electrical angle in degrees

Dimensions for RP5330 - Triangular flange - blade shaft



Drive shaft detail



Ordering information

RP5330-XXX

Electrical angle in degrees

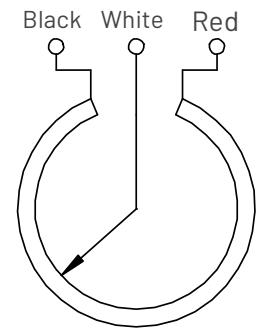
RP5300 Series - Rotary potentiometer

High performance series

Electrical and mechanical specification for RP5300

Parameters	Values			Units
Electrical angle ($\pm 2^\circ$)	100	130	350	$^\circ$
Resistance (Typical)	1.0	1.5	4.5	Kohms
Non-linearity	$<\pm 0.5$			%
Applied voltage	<14	<14	<42	VDC
Maximum wiper current	1			mA
Mechanical travel	360 Continuous			$^\circ$
Output smoothness	MIL-R-39023 Grd.C 0.1			%
Insulation resistance (at 500V DC)	>100			Mohms
Operating temperature range	-55 to $+125$			$^\circ\text{C}$
Sealing	IP66			
Shaft starting torque (max.)	60			grams
Weight (approx.)	38			grams
Materials	Sensor	Case - Aluminium alloy, Shaft - Stainless steel		
	Bearing	Stainless steel Ball-Race bearings		

Electrical connections (see note 2)



Notes

1. When shaft marking is facing cable exit, instrument is mid-travel.
2. Incorrect wiring may cause internal damage.
3. General dimension tolerance is ± 0.25 .