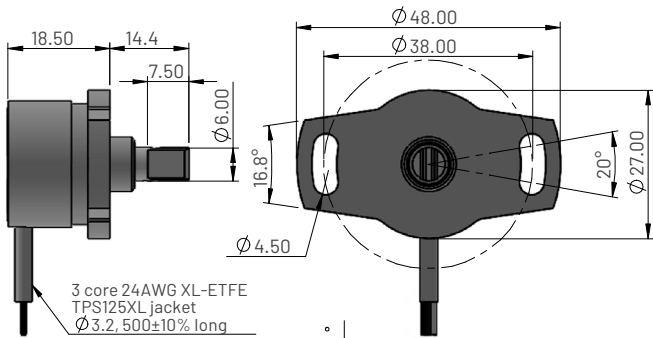


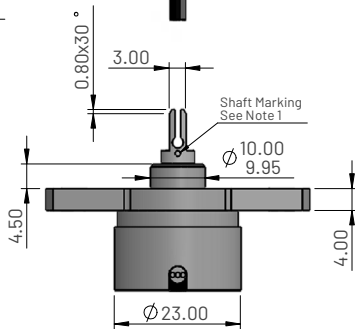
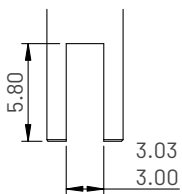
RP5200 Series - Rotary potentiometer

High performance series

Dimensions for RP5210 - Flange mounting - sprung shaft



Drive shaft detail

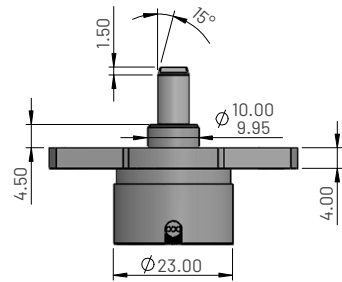
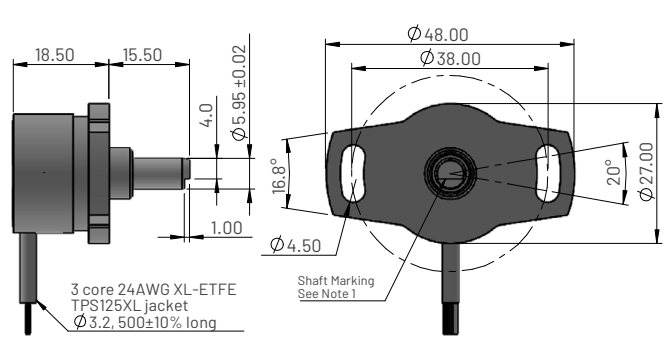


Ordering information

RP5210-XXX

Electrical angle in degrees

Dimensions for RP5220 - Flange mounting - round shaft

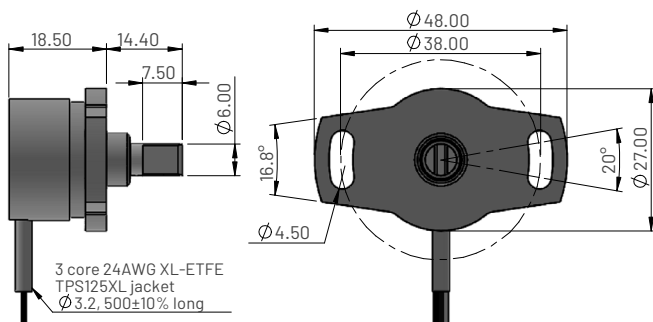


Ordering information

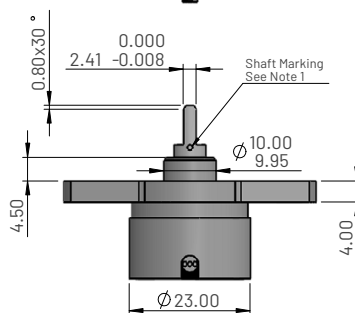
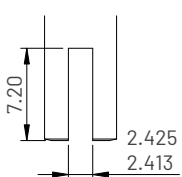
RP5220-XXX

Electrical angle in degrees

Dimensions for RP5230 - Flange mounting - blade shaft



Drive shaft detail



Ordering information

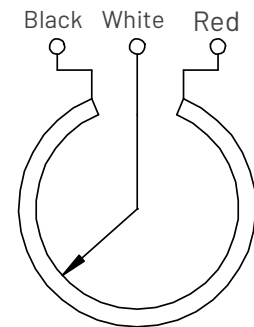
RP5230-XXX

Electrical angle in degrees

Electrical and mechanical specification for RP5200

Parameters	Values				Units
Electrical angle ($\pm 2^\circ$)	060	100	130	350	$^\circ$
Resistance (Typical)	0.6	1.0	1.5	4.5	Kohms
Non-linearity	$<\pm 0.5$				%
Applied voltage	<6	<10	<15	<45	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 .