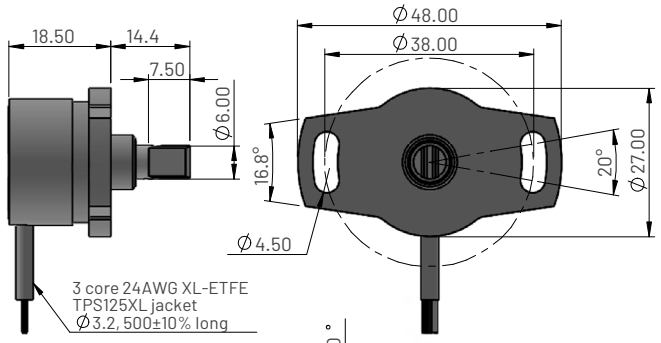
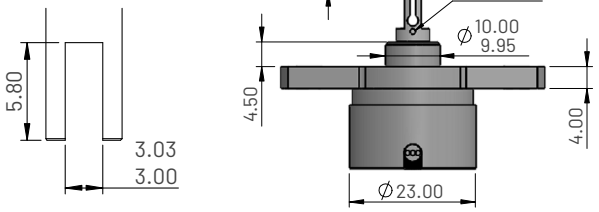
Dimensions for RP5210 - Flange mounting - sprung shaft



Drive shaft detail

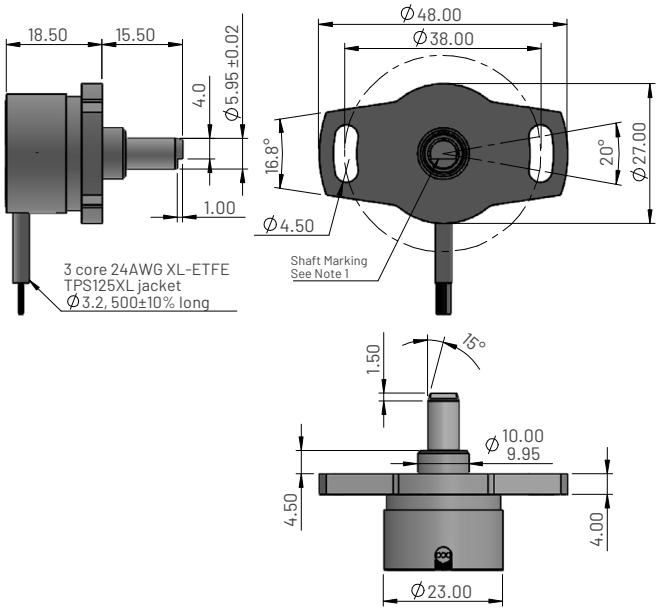


Ordering information

RP5210-XXX

Electrical angle in degrees

Dimensions for RP5220 - Flange mounting - round shaft

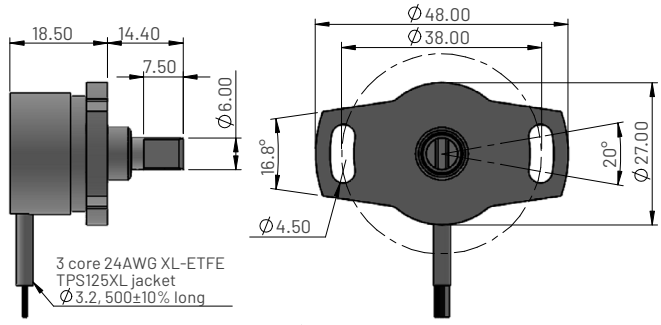


Ordering information

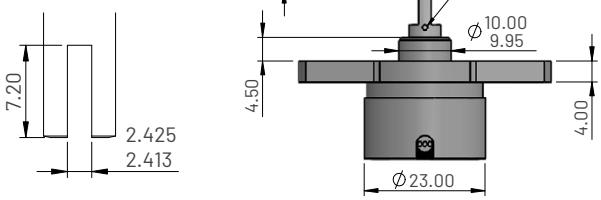
RP5220-XXX

Electrical angle in degrees

Dimensions for RP5230 - Flange mounting - blade shaft



Drive shaft detail



Ordering information

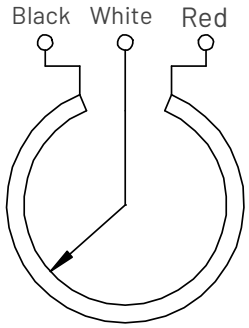
RP5230-XXX

Electrical angle in degrees

Electrical and mechanical specification for RP5200

Parameters		Values				Units
Electrical angle (±2°)		060	100	130	350	°
Resistance (Typical)		0.6	1.0	1.5	4.5	Kohms
Non-linearity		<±0.5				%
Applied voltage		<6	<10	<15	<45	VDC
Maximum wiper current		1				mA
Mechanical travel		360 Continuous				°
Output smoothness		MIL-R-39023 Grd.C 0.1				%
Insulation resistance (at 500V DC)		>100				Mohms
Operating temperature range		-55 to +125				°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.

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