SX-4400

Features:

 Ideally suited for demanding electric power steering systems





Electrical	
Supply Voltage	4.5 to 5.5 VDC
Linearity	±3%
Hysteresis	±1.3%
Microgradient	±30% of theoretical slope over 0.4° interval
Sensed Angle	±5°
Supply Current	8 to 16 mA
Clamp Low	8 to 12%
Clamp High	88 to 92%
Sensitivity	0.388 to 0.412 V/°

Mechanical

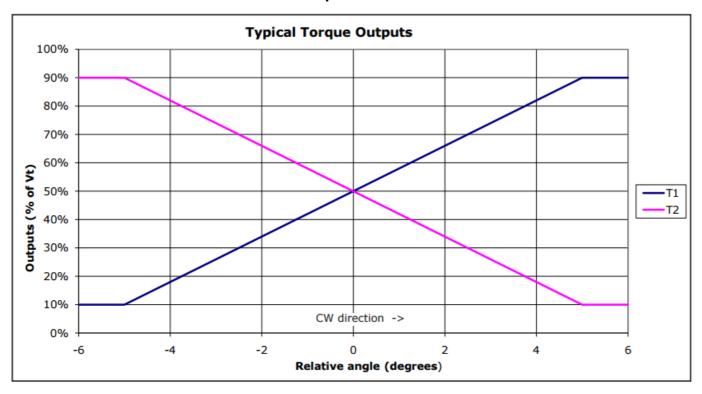
Mechanical Travel, Input Rotor	Continuous
Mechanical Travel, Output Rotor	Continuous
Turning Torque (rotor to rotor)	0 NM (non-contacting)
Turning Torque (input rotor to housing)	0 NM (non-contacting)
Turning Torque (output rotor to housing)	0.05 NM maximum
Weight	101grams maximum

Environmental

Operating Temperature Range	-40°C to +85°C
Vibration	10 to 55 Hz with 1 mm P-P constant displacement, 120 hours each of 3 planes
Input Rotor Rotational Life	Infinite (floating)
Output Rotor Rotational Life	10 million cycles
Storage Temperature Range	-55°C to +125°C

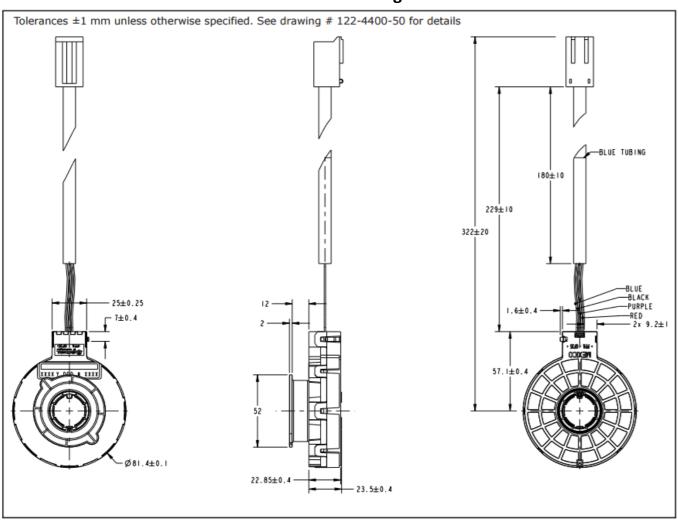


Output Charts

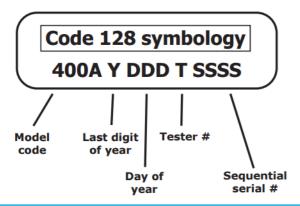




Outline Drawing



Barcode Label





Pinouts & Recommended Interface

