

SX-4475

Features:

- 8° sensor with torque and single turn position output
- Ideally suited for demanding electric power steering systems

±3%
0.5%
±30% of theoretical slope over 0.4° interval
±8°
±1.5%
±30% of theoretical slope over 2° interval
518 Ω ±30%

Mechanical

Torque Mechanical Travel	±11.4°
Turning Torque (rotor to rotor)	0.03 NM Max.
Turning Torque (position rotor to housing)	0.06 NM Max.
Position Mechanical Travel	Continuous
Weight	grams maximum

Environmental

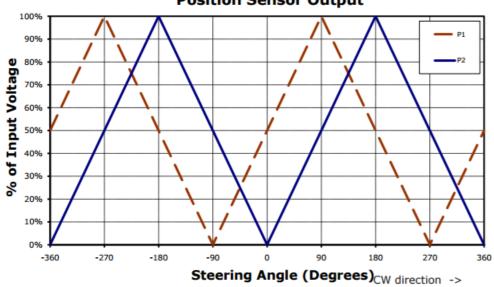
Operating Temperature Range	-40°C to +85°C
Shock	14 ms half-sine at 300 m/s ²
Vibration	10 to 55 Hz with 1 mm P-P constant displacement, 120 hours each of 3 planes
Torque Rotational Life	1 million cycles
Position Rotational Life	1 million cycles
Storage Temperature Range	-40°C to +105°C



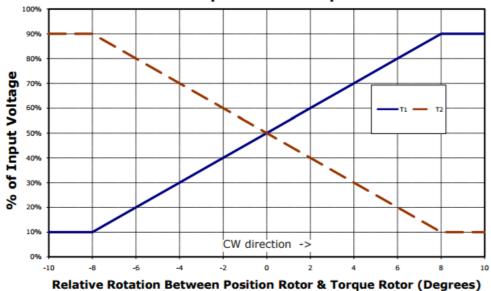


Output Charts

Position Sensor Output

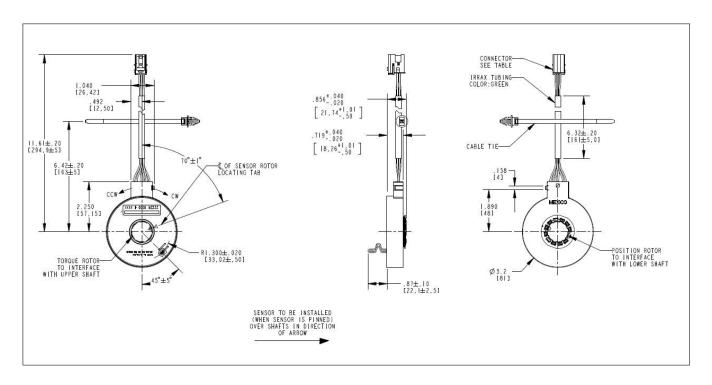


Torque Sensor Output

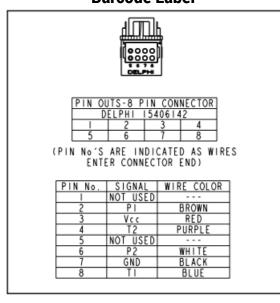




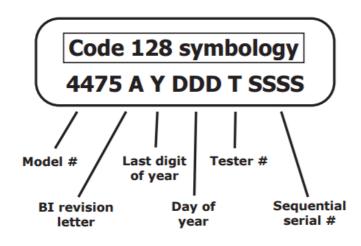
Outline Drawing



Barcode Label



Barcode Label



General Note

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Recommended Interface

