



Feature

1. Compact units, high responsive.
2. Superb proportional control.
3. Longlife, 10 million cycles min.
4. EMC protected, sealed to Ip65.

FHS50 Series Hall Effect Sensor

Electrical characteristics

- Power Supply.....DC 5V +/- 10%
- Output Voltage at Centre..... 2.5V +/- 120mV
- Power Rating.....0.1W
- Output Voltage at Tap.....2.5V ±80mV
- Current Consumption.....Less than 20mA
- Output Voltage Span.....0.5V~4.5V
- Centre Tap Impedance1K
- Load Resistance..... Over 10kΩ
- Independent Linearity Tolerance..... +/- 3%
- Electrical Deflection Angle +/- 19°
- EMC Durability.....100 V/m

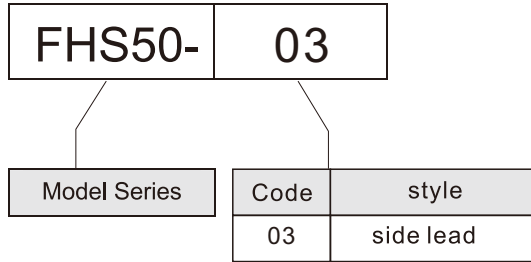
Mechanical characteristics

- Operating Angle of Angle.....38±5°
- Operating Force Of lever..... 350±150gf
- Pull Strength of Handle..... Over 1.5Kgf for 3Sec. Min
- Push Strength10Kgf for 10s
- Stopper Strength of Lever..... Over 10Kgf for 3Sec. Min

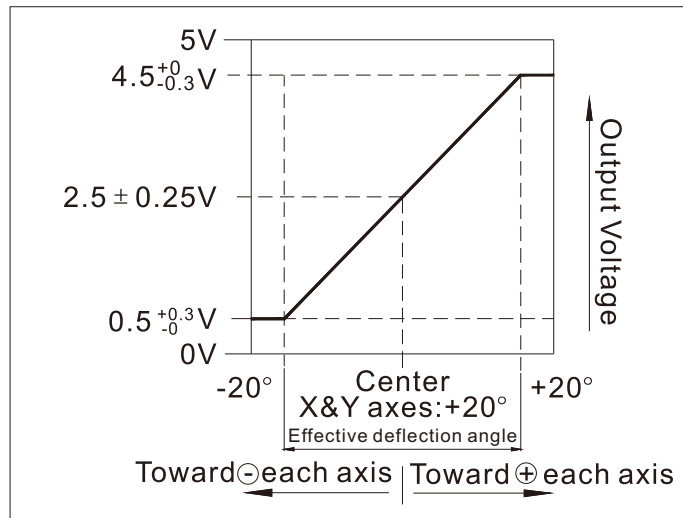
Environmental characteristics

- Storage Temperature.....-40°C to +70°C
- Operating Temperature..... -25°C to +70°C
- Seal Above Panel.....IP 65
- Life Cycles..... 10 million min
- Dry Heat80±2°C,96H
- Cold.....-30±2°C,96H
- Damp Heat..... 40±2°C,90~95RH,96H
- TemperatureCycles.....-10°C~+60°C,5 Cycles

HOW TO ORDER



Output characteristics curve



FHS50-03

