



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 $\pm$ 80mV
- Current Consumption.....Less than 20mA
- Output Voltage Span.....0.5V~4.5V
- Centre Tap Impedance1K
- Load Resistance..... Over 10k Ω
- Independent Linearity Tolerance.....+/- 3%
- Electrical Deflection Angle +/- 19°
- EMC Durability.....100 V/m

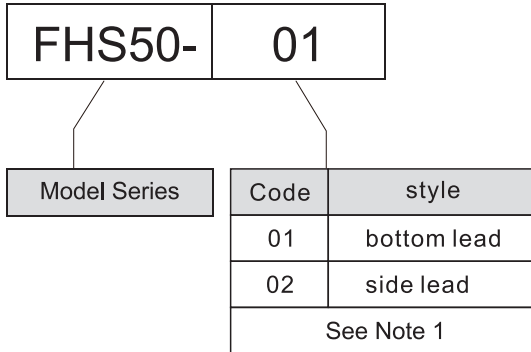
Mechanical characteristics

- Operating Angle of Angle.....38 $\pm$ 5°
- Operating Force Of lever 350 $\pm$ 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

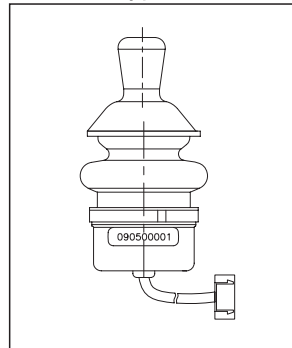
- Storage Temperature.....-40°C to +70°C
- Operating Temperature -25°C to +70°C
- Seal Above PanelIP 65
- Life Cycles.....10 million min
- Dry Heat80 $\pm$ 2°C,96H
- Cold.....-30 $\pm$ 2°C,96H
- Damp Heat..... 40 $\pm$ 2°C,90~95RH,96H
- Temperature Cycles.....-10°C ~+60°C,5 Cycles

HOW TO ORDER

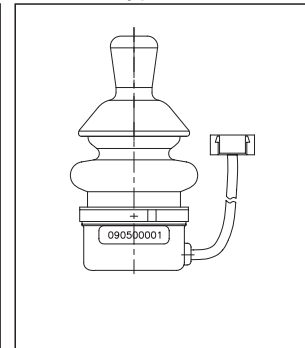


Note 1: Styles

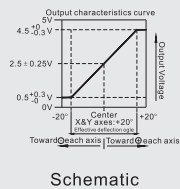
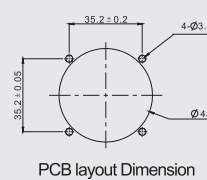
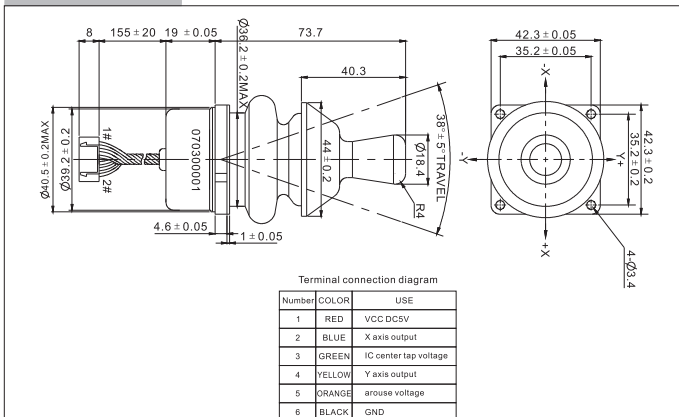
Type 01:



Type 02:



FHS50-01



FHS50-02

