



D-FS050LD/60 系列直流漏电流传感器

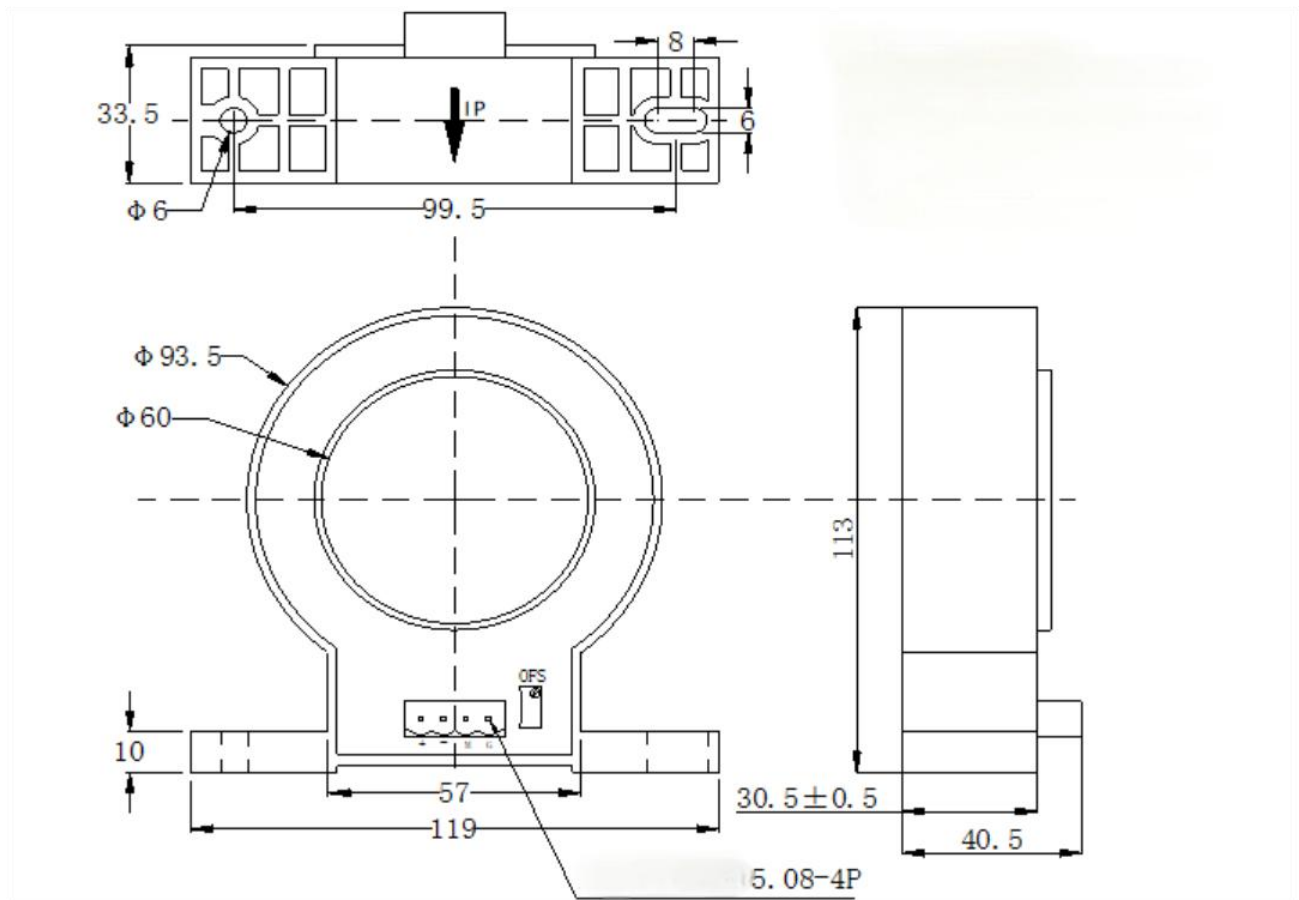
D-FS050LD/60系列直流漏电流传感器是应用磁调制原理研制而成的一种新型电流传感器，其小电流的稳定性好，初级与次级之间高度绝缘。用于讯号系统、线路检测、漏电监测系统、电流差值测量。

D-FS050LD/60 series DC leakage current sensor is a new type of current sensor developed by magnetic modulation principle. It has good stability of small current and high insulation between primary and secondary. Used in signal system, line detection, leakage monitoring system, current difference measurement.

电参数/Electrical characteristics

	D-FS050LD/60系列					
额定输入电流 Primary nominal input current	10	20	30	40	50	mA
测量电流范围 Measuring range of primary current	20	40	60	80	100	mA
额定输出电压 Rated output voltage	5±0.5%					V
电源电压 Supply voltage	±15 ±5%					V
失调电压 Offset voltage	30					mV
失调电压漂移 Thermal drift of V0	≤±1					mV/°C
线性度 Linearity	≤1					%FS
响应时间 Response time	≤20					mS
绝缘电压 Insulation voltage	50Hz, 1min 2.5KV					KV
工作温度 Ambient operating temperature	-40~+85					°C
储存温度 Ambient storage temperature	-40~+125					°C

结构参数/Structural parameter



端子/Terminal	接线/Wiring
+	+15V
-	-15V
0	输出/output
G	地/Ground connection

使用说明/Remarks:

1. 当待测电流从传感器穿过，即可在输出端测得电压大小。(注意：错误的接线可能导致传感器损坏)

When the current to be measured passes through the sensor, the voltage can be measured at the output end.
(Note: Incorrect wiring may cause sensor damage)

2. 传感器的输出幅度可根据用户需要进行适当调节。

The output amplitude of the sensor can be adjusted according to the user's needs.

3. 可按用户需求定制不同额定输入电流和输出电压的传感器。

Sensors with different rated input current and output voltage can be customized according to user requirements.