

磁気比例式 貫通型
Magnetic Proportion System / Through Type

L03S SERIES



仕様 SPECIFICATIONS

Ta=25°C, RL=10kΩ, Vcc=±15V

カタログ品番 Types		L03S050D15	L03S100D15	L03S200D15	L03S300D15	L03S400D15	L03S500D15	L03S600D15
項目 Spec								
定格電流 Primary nominal current	If	50AT	100AT	200AT	300AT	400AT	500AT	600AT
飽和電流 Saturation current	If max	≧±150AT	≧±300AT	≧±600AT	≧±700AT	≧±700AT	≧±700AT	≧±700AT
定格出力電圧 Output voltage	Vo	4V±0.040V (at If)						
オフセット電圧 Offset voltage	Vof	≦±40mV (at If=0A)	≦±30mV (at If=0A)					
出力直線性 Output linearity (without offset)	εL	≦±1% (at If)						
電源電圧 Power supply voltage	Vcc	±15V ±5%						
消費電流 Consumption current	Icc	約 ±12mA Current draw from power supply approx. ±12mA						
di/dt 応答速度 Response time	tr	≦10μs (di/dt = 100A / μs)						
出力電圧温度特性 Thermal drift of gain	TcVo	≦±0.1% / °C (without Tc Vof)						
オフセット電圧温度特性 Thermal drift of offset	TcVof	≦±2mV / °C	≦±1mV / °C					
絶縁耐圧 Insulation voltage	Vd	AC2500V 1分間 (感応電流0.5mA)、貫通部内側⇄端子一括間 AC2500V for 1 minute (Sensing current 0.5mA) inside of through hole ⇄ terminal						
絶縁抵抗 Insulation resistance	Ris	≧500MΩ (at DC500V) 貫通部内側⇄端子一括間 ≧500MΩ (at DC500V), inside of through hole ⇄ terminal						
動作温度範囲 Ambient Operating temperature	TA	-10°C~+80°C						
保存温度範囲 Ambient storage temperature	TS	-15°C~+90°C						

外形図 DIMENSIONS (mm)

