

轉子式流量控制錶

(PADDLEWHEEL FLOW CONTROLLER METER)

MODEL
SL2



■特點(FEATURES)

- 高警報效果,當警報動作時顯示幕自動變換顏色(紅/綠色)
(Auto. change red or green display when alarm status changes)
- 精確度±0.75%滿刻度 (Accuracy ±0.75% of full scale)
- 量測管徑範圍15至600mm(0.5至24英吋)(Measuring pipe size range DN 15 to DN 600(0.5 to 24 inch.))
- 量測流速範圍0.1至8米/秒(0.33至26英尺/秒)(Measuring flow velocity range 0.1 to 8 M/s(0.33 to 26 Ft/s))
- 寬範圍電源輸入,直流14至28伏特(Field-rangable supply voltage from DC 14 to 28 V)
- 4種流量單位可任意設定(Display flow units Liter,GAL,M³,TON can be modified)
- 2組警報功能(Dual alarm function) (optional)
- 16BIT 類比輸出功能(16 bit DAC analog output function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)
- 防護等級NEMA4/IP65(Protection class NEMA4/IP65)

1. MODEL: SL2-□□-□□□□□□□□

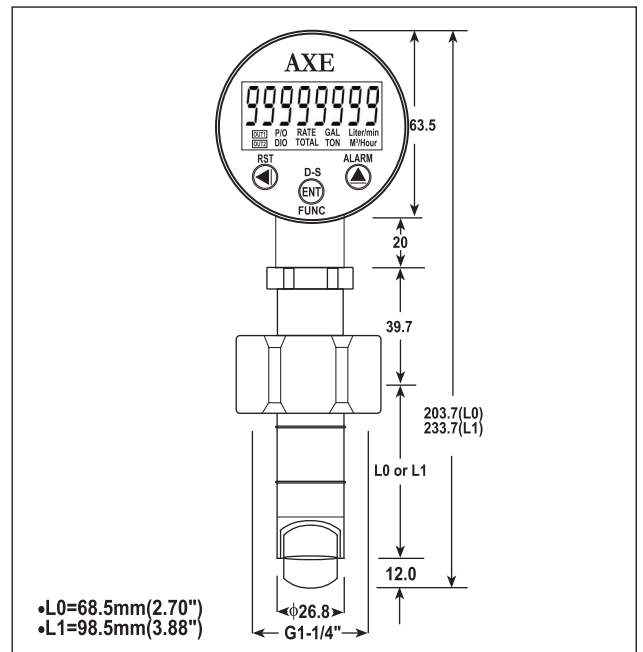
(選購型號)

NO	Sensor body	NO	Sensor Length	NO	Alarm Output	NO	Analog Output	NO	RS-485 Output	NO	Pulse Output	NO	O-rings	NO	Cable length
P	Polypropylene	0	68.5mm(L0)	0	None	0	None	N	None	N	None	F	FKM(全氟化橡膠)	8	8M(standard)
V	Natural PVDF	1	98.5mm(L1)	2	Two Relay	1	DC1~5V	Y	RS-485	I	Synchronize input	V	VMQ(丁基橡膠)	9	Customer
			●L0(Pipe size 0.5 to 3 in) ●L1(Pipe size 4 to 24 in)		●Relay contact (AC250V-5A,DC30V-7A)		2 DC4~20mA 9 Customer				T Synchronize totalizer				

2. SPECIFICATION (主要規格)

- Supply voltage(Power consumption) : DC 14 to 28V(<1.26VA)
(電源輸入(消耗功率))
- Measuring accuracy : ±0.75% F.S.
(精確度)
- Repeatability : ±0.5% F.S.
(重現性)
- Input sampling(output responses) time : 6 cycles/sec.
(輸入取樣(輸出反應)時間)
- Readout (compare) range : 0~99999 adjustable(rate)
0~99999999 adjustable (totalizer)
(顯示值(比較值)範圍)
- Indication (sampling)cycl : 0.5/1.0/2.5/5.0 S selective
(顯示時間週期)
- Relay output mode : HI or Lo adjustable
(繼電器輸出模式)
- Relay contact outp : AC250V-2.5A,DC30V-5A
(繼電器容量)
- Analog output resolut : 16 bit DAC
(類比輸出解析度)
- Output drive capability : <10mA for voltage mode
<10V for current mode
(輸出負載能力)
- RS-485 address : "00"~"FF"(0~255)
(通訊位址)
- RS-485 baud rate : 19200/9600/4800/2400 selective
(傳輸速率)
- RS-485 protocol : Modbus RTU mode
(通訊協議)
- Output frequency : 60.5Hz per m/s nominal,18.45Hz per ft/s nominal
(輸出頻率)
(Max.10Hz(synchronizer totalizer last digit))
- Pulse output type : Transistor NPN open-collector(Max.DC60V/100mA)
(脈波輸出型態)
- Display : Bright red/green LEDs high 10.16mm (0.4")
(顯示幕)
- Parameter setting : Touch switches
(參數設定方式)
- Memory mode : Non-volatile E² PROM memory
(記憶型式)
- Sensor body material : Polypropylene or Natural PVDF
(感應器本體材質)
- Rotor material : PFA + Magnetic
(轉子材料)
- Shaft and bearings material : Zirconia ceramic(ZrO₂)(SL-P/V)
(軸心與軸承材料)
- O-rings material : FKM(viton) or VMQ
(密封材料)
- Display housing materials : NYLON66+PBT+15%GF(UL94V-0)
(顯示器本體材質)
- Measuring kinematic viscosity range : 0.5 to 20 centi stokes (cst)
(量測動態黏度範圍)
- Maximum particle matter : <10%(particle),<0.5mm²(particle size)°C
(最大雜質顆粒容許)
- Maximum operating pressure/temperature : PP body (180 psi@-20 to 27°C,25 psi@85°C)
PVDF body (200 psi@-30 to 27°C,36 psi@90°C)
(最高使用溫度與壓力)
- Storage condition : -30 to 80°C (20 to 90RH non-condensed)
(存放環境條件)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
(CE 認證)
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001

3. DIMENSION(unit:mm) (外型尺寸)



4. TERMINAL CONNECTION (接線圖)

