SD-CL LOOP POWER ISOLATOR

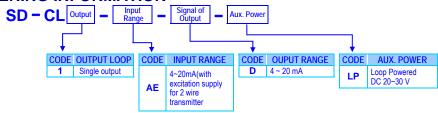
■ FEATURE

- Input signal for 4~20mA(with excitation supply)
- Output 4~20mA wire mode with loop powered,
- DIN rail mounting with Ultra slim in 7.6 mm profile
- CE Approved & RoHS

Ultra Slim (7.6mm) type







■ TECHNICAL DATA

Signal input	
Input Range	Input Impedance
4 ~ 20 mA(2 wire)	250Ω

Analogue output

Power Type	Output Range	Accuracy	Load Resistance
Loop Power	4 ~ 20mA	\leq ±0.3% of F.S.	≥ 250Ω

Response time: ≤ 100msec (10%~90% of FS)

Output ripple: $\leq \pm 0.1\%$ of F.S.

Power

Power supply: Loop powered DC 20~30V **Excitation Supply:** $V_{E.S.} \ge V_S - R_L x I_O - 6$

Power consumption: ≤ 25mA

Environmental

Operating temp.: -10~60 °C

Operating humidity: 20~95% RH, Non-condensing

 Temperature drift:
 ≤100 PPM/ °C

 Storage temperature:
 -10~70 °C

 Protection:
 IP 42

Mechanical

 Dimensions:
 7.6mm(W) x 99mm(H) x 92.4mm(D)

 Housing:
 Self-extinguishing, black ABS, UL94V0

 Terminals:
 Sprint terminal, up to 1.0 mm² wire

 Mounting:
 35mm DIN rail (EN50022)

Weight: 50g

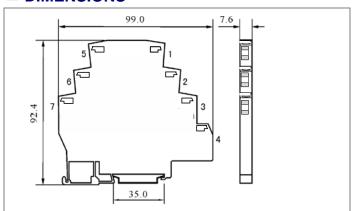
Specification

EMC: EN 61326-1

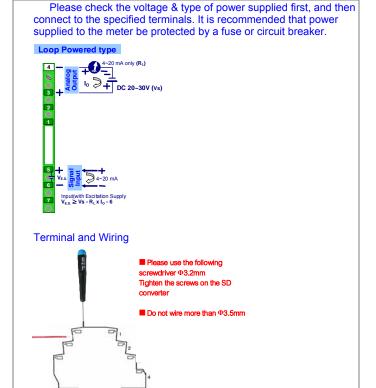
Electric Isolation: AC 1.5KV for 1min; Between Input / Output

Insulation resistance: ≥ 100MΩ at 500Vdc

DIMENSIONS



■ CONNECTION DIAGRAM



SD-CL-2010-05-03 D4-02