

4" DIGITAL SWITCH GAUGES



SDI 04-L-□-□-□□□



SDI 04-B-□-□-□□□

APPLICATIONS

Hi-techs; Process control; Compressors; Fluids; Refrigeration; Pumps; Sprinkling system; Agriculture Hydraulic; Pneumatic; average industry

FEATURE OF PRODUCTS

- High precision at $\pm 0.5\%$
- Backlight display; Zero reset; Switching between 8 types of units Psi, Bar, kg/cm², Kpa, Mpa, in-Hg, cm-Hg, Atm
- SUS316 one-piece-formed sensor, 100% without welds, O-ring or silicone oil; 100% leakage-proof.
- Incorporating RS485 communication, allows in-house monitoring.
- SUS304 casing, can be used in weak acid or alkaline environment.
- Capable of $-10\sim 60^{\circ}\text{C}$ temperature compensation.
- Capable of Peak-Hold.
- Diaphragm Base installable
- 4 sets of I.O output; 8 setting of Higher limit (H) and Lower limit (L)
- Corrupt pressure: 5 times working pressure
- Over-pressure protection: Twice working pressure
- Service life: 10 million

SPECIFICATIONS

CONTENTS

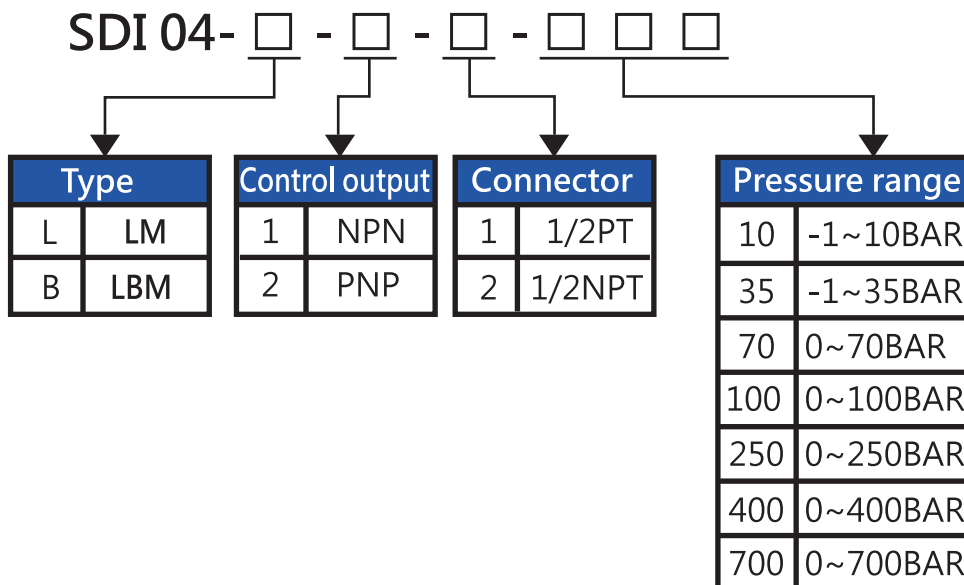
DIMENSION	100mm
ACCURACY	$\pm 0.5\%$ FS
FLUIDS SUITED	Water, Air, Hydraulic fluid
PRESSURE RANGE	-1~700 BAR
TEMPERATURE	Working temp $-10^{\circ}\text{C}\sim 60^{\circ}\text{C}$ (non-frozen condition) Storage temp $-20^{\circ}\text{C}\sim 70^{\circ}\text{C}$ (F66non-frozen condition) Medium temp $-55^{\circ}\text{C}\sim 125^{\circ}\text{C}$ (non-frozen condition) Storage humidity 35-85%
CONNECTORS	1/2" PT.NPT or other. SS316. LM or LBM
DIGIT SIN DISPLAY	4-1/2-digit LCD. WINDOW 28X68mm
CASE	SUS304
DIAL	PC
SOURCE VOLTAGE	DC:12V-24V
CURRENT DRAWN	Max:150mA (Single back-light) Not include control oupt drawn
CONTROL OUTPUT	4 sets of output: NPN/PNP-Open Collector Load current: <100mA Voltage (NPN): Max DC30V Voltage (PNP): Max supplied voltage
COMMUNICATION	RS485 (RTU MODE)
ACCESSORIES	Wires for waterproof connector
ADDITION	SS Diaphragm Base PP Diaphragm Base

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4" Digital Switch Gauges Ordering Details and Description of Wiring

MODEL CODING



Description of Wiring

RED	VIN(+)
PINK	GND
BLUE	Q1
GRAY	Q2
GREEN	Q3
WHITE	Q4
BROWN	RS485 D-
YELLOW	RS485 D+

