

# General Instruction and Datasheet

EST351 GID-3-EV03

Measuring your business

## EST351 Differential Pressure Transmitter

- ✓ Accuracy: 0.5%F.S
- ✓ Pressure Type: Differential
- ✓ Output: 4~20Ma/0~10 V
- ✓ Range: 0~1000Pa (Low Pressure Range)
- ✓ OEM available



### Product Introduction

EST351 differential pressure transmitter is especially designed for narrow range & and exact pressure measurement process , EST351 can be widely used to measure pressure of gas application.

### Electrical Connections and Dimensional drawings

EST510 Dimensional Drawing		Cable		
			2-wire	3-wire
		Power supply	Red	Red
		Circuit common		Black
		Output	Black	Green
		Shield	White	Yellow

### Specifications

Pressure Range	-20kPa~+20kPa	Wires	2-wire	3-wire
Pressure Type	Differential	Output	4~20mA	0~10V
Accuracy	±0.5%F.S		0~200Pa	0~1kPa
Operating Temp.	-10~60℃	Power Supply	24VDC	12~30VDC
Storage Temp.	-25~80℃	Electrical Connections	Cable/3meters	
Long Stability	±0.15%F.S/year	Pressure Connections	M10x 1/ Φ 6 Air cock	
Over Pressure	1.5x	Sensing Element Material	SS316L	
Insulate Resistance	≥100M Ω @50Vdc	Housing Material	Cast Aluminium	
Ingress Protection	IP65	EMS	EMI: EN50081-1/-2; EMS: EN50082-2	

1MPa=10bar; 1bar≈14.5PSI; 1PSI=6.8965kPa; 1kgf/cm2=1atm; 1atm≈98kPa