



KY3351 Series Pressure Transmitters

Description

The KY3351 offers a variety of configurations for differential, gage, absolute and liquid-level measurements including integrated solutions for pressure, level and flow. Multiple wetted materials, as well as alternative fill fluids ensure process compatibility. Smart, analog and low-power electronics are available to meet specific application requirements.

Applications:

- ◆ CNG compressor filling machine
- ◆ Industrial process measurement and control of pressure, differential pressure
- ◆ Flow regulation and control system
- ◆ Liquid level measurement and control system
- ◆ Heating and water supply system
- ◆ Dust control and sewage treatment
- ◆ The furnace and air pressure control

Features:

- ◆ 2-wire hart protocol
- ◆ Isolation, LCD multivariate display
- ◆ Computer host software configuration
- ◆ Hart communicator configuration
- ◆ Flameproof products meet GB3836.1 and GB3836.2 requirements, made explosion-proof certificate, proof mark ExdIIBT5

Specifications

Parameter	Value
Media	Liquids or gases compatible with 316 or 304 stainless steel





Supply Voltage	12~45VDC, standard 24VDC
Output	4~20mA DC(2 wire)
Communication	HART
Accuracy	±0.1%/0.25%/0.5%
Stability	Rated range(<1.6kpa): ≤±0.25%FSO/year
	Rated range(≥1.6kpa): ≤±1%FSO/year
Humidity limits:	0%~100% relative humidity
Temperature	body Temperature: -40~104℃
	Operating Temperature Range: -20~85℃
	Temperature Compensated: -10~70℃
Protection	IP65
	Exd II BT5

Application Description

KY3351 differential pressure transmitter can be widely used in petroleum, chemical, steel, power, light industry, environmental protection industry, realize the measurement of pressure, flow, level and other industrial processes, can be applied to a variety of harsh and dangerous environment and corrosive medium.

Application Picture



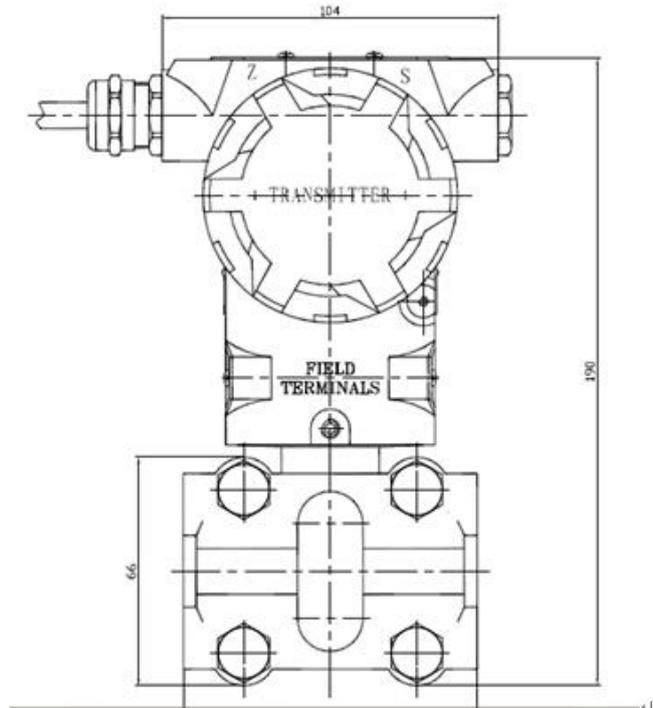
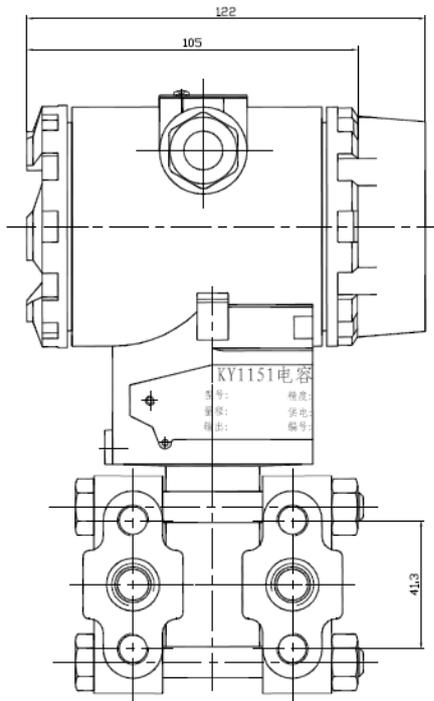
In the application of LNG skid mounted equipment. (一) In the application of LNG skid mounted equipment. (二)

Ordering Information

KY3351		Pressure Transmitter			
(none)		Analog style			
S		Digital style			
Code	Measuring Range			Pressure Type	
	Min	Max			
GP	0~0.25KPa	0~40MPa		GP Transmitter	
AP	0~6.2KPa	0~6.9MPa		AP Transmitter	
SP	0~0.25KPa	0~98KPa		SP Transmitter	
DP	0~1.3KPa	0~6.9MPa		DP Transmitter	
DR	0~0.25KPa	0~1.5KPa		DR Transmitter	
HP	0~6.2KPa	0~2MPa		HP Transmitter	
FL	0~1.2KPa	0~2.5MPa		FL Transmitter	
YF	0~6Pa		0~10MPa	YF Transmitter	
	0~1.2KPa		0~2.5MPa		
Code	Pressure Range	Pressure Type		Instruction	
0	Vacuum	AP			
1	Tmospheric Pressure	GP/SP/DR/FL		The static pressure is 0.4MPa for the range 2 DP Transmitter	
2	1MPa	DP/DR			
3	2.5MPa	DP/DR/YF		FSO of DP/FL/YF≤7.5KPa	
4	4MPa	YF		FSO > 7.5KPa	
5	6.4MPa	DP		1.5KPa < FSO≤2MPa	
6	16MPa	DP		7.5KPa < FSO≤6.9MPa	
7	25MPa	HP		HP: 186.8KPa < FSO≤6.9MPa	
8	32MPa	HP		HP: 186.8KPa < FSO≤6.9MPa	
Code	Pressure Range				
2	0-0.25~1.5KPa				
3	0-1.3~7.5KPa				
4	0-6.2~37.4KPa				
5	0-31~186.8KPa				
6	0-117~690KPa				
7	0-345~2068KPa				
8	0-1170~6890KPa				
9	0-3480~20680KPa				
0	0-6890~41370KPa				
code	Process Connections				
0	standard				
1	Single flange				
2	double flange				
code	Flat	Isolationaiph ragm		General	
F12	Carbon steel with cadmium plating	316 stainless steel			
F22	316 stainless steel	316 stainless steel			
AP	3" 150lb	Flange Size		FL	
B	4" 150lb				
C	3" 300lb				
D	4" 300b				
X	user defined				
M1	Analog Scale,linear Meter,0%-100%				
M2	3-1/2 LCD Meter				
B1	Bracket, 2-in Pipe Mount				
B2	Bracket, Panle Mount				
B3	Bracket, Flat 2-in Pipe Mount				
C1	NPT 1/2 connention				
C2	M20*1.5 male, T type connection				
D1	Side Drain/Vent, Top				
D2	Side Drain/Vent, Bottom				
d	Exd II BT 5				



Product Diagram:



Gross weight: 2kg

Net weight: 1.5kg

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