

Selection Table

XC3351GP - Gauge Pressure Transmitter

XC3351AP - Absolute Pressure Transmitter

The XC3351GP/AP pressure transmitter is used to measure the level, density and pressure of a liquid, gas or steam and then convert it into a 4 to 20mA DC HART current signal output. The XC3351GP/AP can also communicate with the RST375 handheld terminal or the RSM100 Modem for parameter setting, process monitoring, etc.



Gauge Pressure Transmitter Selection-XC3351GP			
Absolute Pressure Transmitter Selection-XC3351AP			
10	Accuracy		
	B	±0.075% 4-20mA with HART communication	
20	Range		
		Gauge Pressure RP2002	
	B	0-0.6kPa~6kPa / (0-60~600 mmH ₂ O) /(0-6~60mbar)	
	C	0-2kPa~40kPa / (0-200~4000 mmH ₂ O) /(0-20~400mbar)	
	D	0-2.5kPa~250kPa / (0-0.25~25 mH ₂ O) /(0-25~2500mbar)	
	F	0-30kPa~3MPa / (0-3~300 mH ₂ O) /(0-0.3~30bar)	
	G	0-0.1MPa~10MPa /(0-1~100bar)	
	H	0-0.21MPa~21MPa / (0-2.1~210 bar)	
	I	0-0.4MPa~40MPa / (0-4~400 bar)	
	J	0-0.6MPa~60MPa / (0-6~600 bar)	
		Absolute Pressure RP2003	
	L	0-10kPa~40kPa / (0-1000~4000 mmH ₂ O) /(0-10~400mbar)	
	M	0-10kPa~250kPa /(0-100~2500mbar)	
	O	0-30kPa~3MPa /(0-0.3~30bar)	
30	Diaphragm material		Filling liquid
	A	SS 316L	silicone oil
	B	SS 316L	Fluorine oil
	C	Hastelloy C	silicone oil
	D	Hastelloy C	Fluorine oil
	E	SS 316L gold-plating	silicone oil
40	Process connection		
	1	1/2 inch NPT internal thread	
	2	1/2 inch NPT external thread (including 1/4 inch NPT)	
	3	M20x1.5 external thread (14x2 welded pipe joint)	
	4	G 1/2 external thread	
	5	Vacuum interface DIN 28403 KF16 / ISO 2861	
	6	1/4 inch NPT external thread	

50	Special functions												
												N	NONE
												P	Lightning protection function
												O	Oil prohibition treatment (Oxygen measurement Fluorine-limiting oil filler, fluorine rubber sealing ring, <6MPa, <60℃)
60	Mounting bracket												
												N	None
												1	SS
												2	Carbon steel galvanizing
70	Display												
												0	None
												2	LED-Backlit LCDs (-20℃)
												3	OLED Display (-40℃)
80	Explosion proof option												
												N	Typical
												A	NEPSI intrinsic safety type
												D	NEPSI flame-proof type (no explosion-proof cable connectors)
90	Number location												
												N	NONE
												1	Number on the nameplate
												2	Hanging stainless steel sign
100	Instructions												
												C	Chinese
												E	English
110	Others												
												S	SS watchcase
												V	Low voltage version

Note 1: "XC3351GP" corresponds to "gauge pressure range", "XC3351AP" corresponds to "absolute pressure range";

Note 2 : Vacuum interface DIN 28403 KF16/ISO 2861, only for ranges less than 2.5bar.