

# Selection Table

## XCAI3351DP - Differential Pressure Transmitter

The XCAI3351 differential pressure transmitter is used to measure the level, density, pressure, and flow of a liquid, gas, or steam, and then convert it into a 4 to 20mA DC HART current signal output. The RP2001 can also communicate with the RST375 handheld terminal or the RSM100 Modem for parameter setting and process monitoring.



XCAI3351- Differential Pressure Transmitter Selection			
10	Accuracy		
	B	±0.075%	
20	Range		
	B	0-200Pa~6kPa (0-20~600 mmH <sub>2</sub> O) /(0-2~60mbar)	
	C	0-400Pa~40kPa (0-40~4000 mmH <sub>2</sub> O) /(0-40~400mbar)	
	D	0-2.5kPa~250kPa (0-0.25~25 mH <sub>2</sub> O) /(0-25~2500mbar)	
	F	0-30kPa~3MPa (0-3~300 mH <sub>2</sub> O) /(0-0.3~30bar)	
30	Static pressure chip		
	0	NONE	
40	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
	F	SS 316L gold-plating	Fluorine oil
	G	SS 316L Coating FEP	silicone oil
	T	Tantalum	silicone oil
50	Rated working pressure		
	1	16MPa	
	2	25MPa	
	3	40MPa	
60	Process connection		
	N	1/4"NPT and 7/16" UNF Threaded hole no Relief Valve	
	B	1/4"NPT and 7/16"UNF Threaded hole Relief Valve Installed on the back of flange	
	U	1/4"NPT and 7/16"UNF Threaded hole Relief Valve Installed on the top of flange	
	D	1/4"NPT and 7/16"UNF Threaded hole Relief Valve Installed on the bottom of flange	
	V	Vertical installation flange, 1/4"NPT and 7/16" UNF Threaded hole, With relief valve	
70	Liquid seal material		

		N	(NBR) Nitrile rubber
		F	(FKM) Fluororubber
		P	(PTFE)
80	Special functions		
		N	NONE
		F	Square root output
		O	Oil prohibition treatment
		P	Lightning protection function
90	Mounting bracket		
		N	None
		1	SS
		2	Carbon steel galvanizing
100	Process connection accessories		
		N	None
		1	1/2" NPT Internal thread Stainless Steel Oval flange
		2	M20x1.5 External thread SS T-connect
110	Display		
		N	None
		2	LED backlight LCD display (-20°C)
		3	OLED Display (-40°C)
120	Explosion proof option		
		N	Typical
		A	NEPSI intrinsic safety type
		D	NEPSI intrinsic safety type
		B	ATEX intrinsic safety type
		E	ATEX flame-proof type
130	Number location		
		N	NONE
		1	Number on the nameplate
		2	Hanging stainless steel sign
140	Instructions		
		C	Chinese
		E	English
150	Others		
		S	SS watchcase
		V	Low voltage version
		T	Electrical connection NPT1/2 (no cable introduction and blind plugging)
		1	Third Party Calibration Report (5-Point Inspection)

2	Third Party Calibration Report (9-Point Inspection)
M	485-Modbus communication protocol
P	Profibus PA communication protocol

**For example:**

XCAI3351-DPBC0A1NNNN1NA1C

XCAI3351 Differential transmitter , Accuracy  $\pm 0.075\%$  , 0-1Kpa, DiaphragmSS316L,silicone oil , Rated working pressure 16Mpa, Process

connection accessories:1/2" NPT Internal thread Stainless Steel Oval flange, LED backlight LCD display , NEPSI, Number Location on

the nameplate, Chinese