

Metal capacitive differential pressure transmitters 315T

Features:

- Pressure range 0/1.3-15 mbar, ... , 0/6.9-68.9bar→D, 0/7.5-75 mbar, ... , 0/41.4-413.7bar→G, 0/37-374 mbar, ... , 0/6.9-68.9bar→A;
- Accuracy(NL) 0.075% fso, 0.1% fso, 0.2% fso, 0.5% fso;
- Output signal 4~20 mA, with HART protocol, system pressure 70, 140, 312 bar;
- Construction rigid, welded encapsulation, explosive-proof Exd II CT6 (option);
- Materials diaphragm 316L,, option tantalum, hastelloy-C or monel, housing aluminum metal alloy, flange 316, option hastelloy-C or monel;
- Operating temperature range -40 ÷ +85°C, media temperature range -40 ÷ +120°C, operating humidity range 0 ÷ 100 %RH, temperature effect on ZERO & SPAN: <0.03% fso / 10°C;
- Line pressure effect ±0.25% fso / 100bar (can be modified in tube applications);
- Protection class: IP 67, vibration effect 0.05 % fso / g / 200Hz (any directions);



Order code: 315T-□□□□□□□□□□□□□

Dimension (mm):

Type	vDP	Very low differential pressure transmitter
	DP	Differential pressure transmitter
	HDP	Differential pressure transmitter for high system and overload pressure
	AP	Absolute pressure transmitter
	GT	Gauge (relative) pressure transmitter
Range	I	0÷1.3/15mbar for vDP
	II	0÷7.5/75mbar for DP, GP
	III	0÷37/374mbar for DP, hDP, GP, AP
	IV	0÷187/1868mbar for DP, hDP, GP, AP
	V	0÷0.7/6.9bar for DP, hDP, GP, AP
	VI	0÷2.1/20.7bar for DP, hDP, GP, AP
	VII	0÷6.9/68.9bar for DP,GP, AP
	VIII	0÷20.7/206.8bar for GP
	IX	0÷41.4/413.7bar for GP
System or overload pressure	70	070bar for vDP
	140	140bar for DP, AP&GP ≤ 70bar
	312	312bar for hDP
	420	420bar for GP ≤140bar
	520	510bar for GP ≤420bar
Accuracy	A	0.075% fso
	B	0.1% fso
	C	0.2% fso
	D	0.5% fso
Explosive - proof	0	None
	1	With explosive – prof
Materials: flange, exhaust valve, diaphragm	22	All stainless steel
	23	Stainless, stainless, hastelloy-C
	24	Stainless, stainless, monel
	25	Stainless, stainless, tantalum
	26	All hastelloy-C
	27	Hastelloy-C, hastelloy-C, tantalum
	28	All monel
	Display	0
1		Linear meter, 0÷100% scale
2		Square root meter 0÷100% scale
3		4 ½ LCD, 0÷100% linear scale
Mounting	1	2" pipe mounting kit
	2	Panel mounting kit
	3	2" pipe flat mounting kit
Exhaust valve position	D1	Valve on top
	D2	Valve on bottom

