

Innovational Diaphragm Pressure Sensor

GTP series



- Hastelloy Diaphragm which is strong against corrosion.
- Confirmed miniaturization and safety by MEMS technology.
- EP process which adopt Ultra Clean Technology.
- Superior to external noise.
- Diaphragm structure which is easy to Purge.
- Correspond to sensor and easy repair.

 **GEM-TECH CO., LTD.**

NEW PRESSURE TRANSMITTER GTP SERIES

GTPS/GTPT

PRESSURE TRANSDUCER GTP SERIES **GTPS / GTPT**

■ STANDARD SPECIFICATION

APPLICATION	Gas line in semiconductor process
RANGE	0(-15)to 100, 250, 500, 3000 Psig, Etc.
ACCURACY	±0.3% FS
TEMPERATURE RANGE	0~80℃
TEMPERATURE EFFECT	±0.05% FS/℃
WETTED MATERIAL	Hastelloy and SS316L
BODY MATERIAL	SS316L
WELDING	Electron Beam Welding
OVER PRESSURE	×2 FS
LEAK RATE	$<1 \times 10^{-9}$ Pam ³ /sec
SURFACE	Ra : $<0.25 \mu\text{m}$
CONNECTOR TYPE	Pigtail, Tajimi

■ ELECTRIC FEATURE

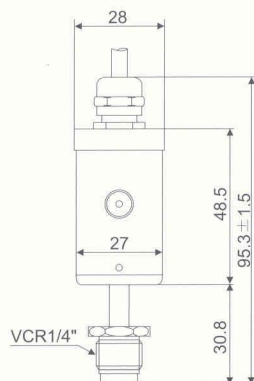
▶ Output Current

POWER	DC24V
OUTPUT	4~20mA (2Wire)
POWER CONSUMPTION	Max 25mA Under

▶ Output voltage

POWER	DC24V
OUTPUT	1~5V, 0~5V, 0~10V
POWER CONSUMPTION	Max 50mA Under

GTPSNV - □□□ P1



■ ORDERING INFORMATION

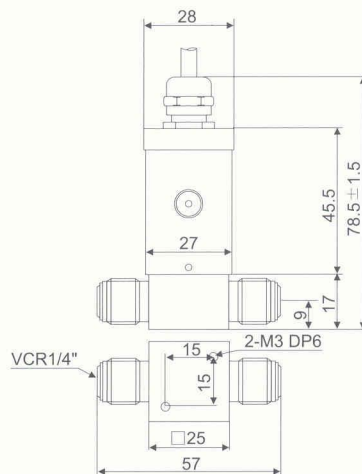
GTP Type	Fitting	Fitting	-	Output	Connector	Size
S : Single Ended	N : Swivel Male	V : VCR		420 : 4~20mA	P : Pigtail	1 : 1/4"
T : Flow Through	M : Fixed Male	U : UJR		005 : 0~5V	C : Circular	2 : 3/8"
Z : Others	F : Female	P : Micro Fitting		999 : Others	T : Tajimi	3 : 1/2"
	Z : Others	T : Weld Stub			Z : Others	4 : Others
		Z : Others				

Model Code Example: GTPSNV-420P1

■ WIRING DETAILS

* Ampere Type - RED : DC24V
 BLACK : SIGNAL
 SHIELD : EARTH

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ISO 9001:2000/KS A9001:2001

G-06-03(0)
 MAR. 2006