

**AT9000 Advanced Transmitter model GTX.
Ordering Information**

**Specifying measuring range and units.
Following are configurable items and setting range.**

<Factory settings>

Items	Default value	Selectable value	Remarks
Tag No.			
PROM Tag	"XXXXXXXX"	Within 8 letters	
LRV	0	-	
URV	Depends on model	-	
Calibration Pressure Unit	Depends on model kPa,MPa ...	See Table 1. "Calibration Press. Unit"	
Display unit	%	See Table 2.	Valid for when selection II model code A "with indicator" is selected
Display mode	Linear	Linear Square Root	
EUHI(100%) Upper value displayed in Indicator	100	-99999 to 99999	
EULO(0%) Lower value displayed in Indicator	0	-99999 to 99999	
Exponent	None	x10 x100 x1000	
Damping time const.	Depends on model and calibration span. See Table 3. "Damping time constant related calibration span when shipped"	0 sec. 0.16 sec. 0.48 sec. 1 sec. 2 sec. 4 sec. 8 sec. 16 sec. 32 sec.	If fast response model is required, please select "0 sec."
Output Linear/Flow	Linear	Linear or Square Root	
Remote-seal height (For GTX__R)	0	-30 to +30 meter	Valid for model GTX__R. Specified the value between lower and Upper flange distance when Transmitter is used as level measurement. When this parameter is entered in transmitter, ambient temperature compensation become effective
Lower Output Limit	110%(=21.6mA)	50% to 110%	
Upper Output Limit	-2.5%(=3.6mA)	-2.5% to 50%	
Output Alarm On/Off	Off	Upper limit Lower limit Upper/Lower limit	
Upper Output Alarm	199.90%	-199.9 to 199.9 %	
Lower Output Alarm	-199.9%	-199.9 to 199.9 %	
Sensor Temp. Alarm On/Off	Off	Upper limit Lower limit Upper/Lower limit	
Upper Sensor Temp. Alarm	85 deg C	-40.0 to 85.0 deg C	
Lower Sensor Temp. Alarm	-40 deg C	-40.0 to 85.0 deg C	
Contact Output On/Off	Off	Output Alarm Sensor Temp. Alarm Output/Sensor Temp. Alarm	Valid for when Option code Q7 "Alarm output(contact output)" is selected.

Issued : Jul. 1, 2008	Table 1&2
Effective : Feb. 10, 2010	UNIT : 1000YEN

Table 1. Calibration Press. Unit

Selectable units	
in H2O	
in Hg	in Hg abs
mm H2O	mmAq
mm Hg	mmHg abs
psi	
bar	barG, bar abs
mbar	mbarG, mbar abs
g/cm2	gf/cm2 abs
kg/cm2	kgf/cm2, kgf/cm2 abs
Pa	PaG, Pa abs
kPa	kPaG, kPa abs
torr	
atm	
mH2O	
hPa	hPaG, hPa abs
MPa	MPaG, MPa abs

Table 2. Units displayed in Indicator.

Selectable units	
inH2O	ml/h
inHg	l/h
ftH2O	kl/h
mmH2O	Sk1/h
mmHg	Sm3/h
psi	t/h
bar	m3/h
mbar	km3/h
g/cm2	Nm3/h
kg/cm2	kNm3/h
Pa	l/min
kPa	kl/min
Torr	m3/min
atm	Nml/min
gal/min	Nl/min
kPaG	Nm3/min
MpaG	kl/d
kgf/cm2G	m3/d
MbarG	t/d
barG	Nm3/d
Pa abs	kg/h
hPa abs	mm
kPa abs	m
Mpa abs	kg/m3
kgf/cm2 abs	g/cm3
mmHg abs	%
inHg abs	t
mmAq	kg
gf/cm2	gal/h
kgf/cm2	mH2O
m3	hPa
l	MPa
kl	Space (Blank)

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Table 3. Damping time constant related calibration span when shipped.

Un less specified in order, damping time constant related calibration span is following table.

Model	Calibration span / damping time constant		
	1sec	2sec	4sec
GTX30A	From 5kPa	4kPa to 5kPa	-
GTX40A	From 210kPa	80kPa to 210kPa	35kPa to 80kPa
GTX35F	From 5kPa	2.5kPa to 5kPa	-
GTX60F	From 210kPa	80kPa to 210kPa	70kPa to 80kPa
GTX15D	-	0.1kPa to 2kPa	-
GTX30D/31D	From 5kPa	2.5kPa to 5kPa	0.75kPa to 2.5kPa
GTX32D	From 5kPa	2.5kPa to 5kPa	0.75kPa to 2.5kPa
GTX41D	From 90kPa	45kPa to 90kPa	35kPa to 45kPa
GTX42D	From 90kPa	45kPa to 90kPa	35kPa to 45kPa
GTX71D	From 1.4MPa	0.7MPa to 1.4MPa	0.25MPa to 0.7MPa
GTX72D	From 1.4MPa	0.7MPa to 1.4MPa	0.25MPa to 0.7MPa
GTX35R	From 5kPa	2.5kPa to 5kPa	-
GTX40R	From 90kPa	45kPa to 90kPa	35kPa to 45kPa
GTX60G	From 210kPa	80kPa to 210kPa	35kPa to 80kPa
GTX71G	From 1.4MPa	0.7MPa to 1.4MPa	-
GTX82G	From 1MPa	0.7MPa to 1MPa	-
GTX35U	From 5kPa	2.5kPa to 5kPa	-
GTX60U	From 210kPa	80kPa to 210kPa	35kPa to 80kPa
GTX71U	From 1.4MPa	0.7MPa to 1.4MPa	-
GTX82U	From 1MPa	0.7MPa to 1MPa	-
GTX30S	From 5kPa	4kPa to 5kPa	-
GTX60S	From 210kPa	80kPa to 210kPa	35kPa to 80kPa