



GAGE PRESSURE TRANSMITTER

GP Series

The gage pressure transmitter is designed with a single remote sensor that enables it to accept high pressure in several ranges up to 500 PSI, 30 Bar or 3000 kPa. All models can handle overload pressure 2X and burst pressure 20X the maximum full scale range.

Features include field selectable pressure ranges and output signal types, output reversal and slow damping for the most flexible applications. The pressure transmitter is fully factory calibrated and temperature compensated for the highest start-up accuracy.

PRODUCT HIGHLIGHTS

- FT-6 or armoured cable available in different lengths
- Four switch selectable ranges per model
- LCD display
- Jumper selectable outputs: 4-20 mA, 0-5 Vdc or 0-10 Vdc
- Hinged polycarbonate weatherproof enclosure



SPECIFICATIONS

DESCRIPTION	ENGINEERING SPEC
POWER SUPPLY	24 Vac/dc $\pm 10\%$ (non-isolated half-wave rectified)
CONSUMPTION	75 mA max @ 24 Vdc
OUTPUT SIGNAL	4-20 mA sourcing, 0-5/0-10 Vdc (jumper selectable)
OUTPUT DRIVE	500 Ω max for current output 10K Ω min for voltage output
PROTECTION CIRCUITRY	Reverse voltage protected, transient protected
LCD	35mm W x 15mm H (1.4" x 0.6"), 2-lin x 8-character
ACCURACY	$\pm 1\%$ full scale of selected range (range 4 is $\pm 2\%$)
STABILITY	$\pm 0.25\%$ FS typical (1 year)
PRESSURE RANGES	4 per model (menu selectable)
MEDIA COMPATIBILITY	17-4 PH stainless steel
PROOF PRESSURE	2X highest range per model
BURST PRESSURE	20X highest range per model
MAXIMUM LINE PRESSURE	= highest model range
PRESSURE CYCLES	>100 million
SURGE DAMPING	1-60 seconds averaging (menu selectable)
ZERO ADJUST	Push-button and remote input
SENSOR OPERATING RANGE	-40 to 105°C (-40 to 221°F)
OPERATING ENVIRONMENT	0 to 50°C (32 to 122°F), 10 to 90 %RH non-condensing
PRESSURE CONNECTION	1/2" NPT male
REMOTE SENSOR CABLE	S: FT-6 plenum rated A: Armored flexible S/S
WIRING CONNECTION	14-22 AWG screw terminal block
ENCLOSURE	Polycarbonate, UL94-V0, IP65 (NEMA 4X) F style includes thread adapter (1/2" NPT to M16) and cable gland fitting
WEIGHT	450g (15.9oz) – Including remote cables and sensor
COUNTRY OF ORIGIN	Canada