



Digital Differential Pressure and Flow Gauge

24 Volt or Battery Powered. Fits in Magnehelic® Gage Cut-Out

Models Select Chart

EXAMPLE	DM	11	04	AT	Series DM-1104-AT Differential Pressure Gage, range 0-1.0" w.c., with aluminum tag.
SERIES	DM				Differential Pressure Gage
GAGE TYPE		11 12			Pressure Air Flow
RANGE			02 03 04 05 07 08 09 10 11 12 22 23 24 25 27 28		0-0.25" w.c. 0-0.50" w.c. 0-1" w.c. 0-2" w.c. 0-5" w.c. 0-10" w.c. 0-15" w.c. 0-25" w.c. 0-50" w.c. 0-100" w.c. 0.25-0-0.25" w.c. 0.50-0-0.50" w.c. 1-0-1" w.c. 2-0-2" w.c. 5-0-5" w.c. 10-0-10" w.c.
OPTIONS				AT NIST	Aluminum Tag NIST Certificate of Calibration

Accessories

Model	Description
A-310A	3-way vent valve, plastic, 1/8" NPT to 1/4" metal tubing, 80 psi rating, replaces former Model A-310 (brass). 2.3" x .8" x .1", .10 lb.
A-481	Installer kit, (includes 2 static pressure tips and PVC tubing).
A-286	4-1/2" Gage panel mounting flange
A-489	4" 303 SS straight static pressure tip with flange.
A-480	Plastic static pressure tip.

Specifications:-

Service	:	Air and non-combustible, compatible gases
Wetted Materials	:	Consult factory.
Housing Materials	:	Glass filled plastic.
Accuracy	:	±1% FS including linearity, hysteresis and repeatability; ±2% FS for ranges 1" w.c. and below.
Temperature Limits	:	0 to 140°F (-18 to 60°C).
Compensated Temperature Limits	:	32 to 122°F (0 to 50°C).
Long Term Stability	:	±1% FS per year.
Thermal Effect	:	±0.05% FS/°F typ.; ±0.10% FS/°F typ. for ranges 1" w.c. and below.
Display	:	4-digit LCD (Digits: 0.60"H x 0.33"W).
Display Update	:	Selectable for 1 second, 10 minutes or update only from button push.
Pressure Limits	:	Normal and bi-directional ranges 5 in w.c. and lower = 2 psi (13.7 kPa); Normal and bi-directional ranges 10 in w.c. and higher = 11 psi (75 kPa).
Selectable Engineering Units	:	in w.c., psi, kPa, Pa, mm w.c., mBar, in Hg, mm Hg, FS (0-100% FS).
Power Requirements	:	9V battery, included, user replaceable or external power supply 9-24 VDC.

Battery Service Life	:	Battery life depending on the Display Update setting: 150 hours (typical) if Display Update = 1 second; 9 months (typical) if Display Update = 10 minutes; 1.5 years (typical) if Display Update is disabled. Battery may last up to four times longer when using lithium-based battery ULTRALIFE U9VL-J.
Current Consumption	:	5 mA maximum.
Electrical Connections	:	Removable terminal block for 16 to 26 AWG.
Electrical Entry	:	Cable gland for 0.114 to 0.250" (2.9 to 6.4 mm) diameter cable.
Process Connections	:	1/8" (3 mm) ID tubing.
Enclosure Rating	:	NEMA 4X (IP66).
Weight	:	1.18 lb (535 g).
Size	:	5" (127 mm) OD front face.
Agency Approvals	:	CE.