



**Differential Pressure Transmitter**  
Same Size Standard Magnehelic Differential Pressure Gauge

## Models Select Chart

Model	Description
DM-2001-LCD	Differential pressure transmitter, range .100" w.c., 24.9 Pa, 2.54 mm w.c., .249 mbar, with LCD.
DM-2002-LCD	Differential pressure transmitter, range .250" w.c., 62.2 Pa, 6.35 mm w.c., .622 mbar.
DM-2003-LCD	Differential pressure transmitter, range .500" w.c., 124.3 Pa, 12.70 mm w.c., 1.243 mbar, .124 kPa.
DM-2004-LCD	Differential pressure transmitter, range 1.00" w.c., 249 Pa, 25.4 mm w.c., 2.49 mbar, .249 kPa.
DM-2005-LCD	Differential pressure transmitter, range 2.00" w.c., 497 Pa, 50.8 mm w.c., 4.97 mbar, .497 kPa.
DM-2006-LCD	Differential pressure transmitter, range 3.00" w.c., 746 Pa, 76.2 mm w.c., 7.46 mbar, .746 kPa, .108 psi.
DM-2007-LCD	Differential pressure transmitter, range 5.00" w.c., 1243 Pa, 127.0 mm w.c., 12.43 mbar, 1.243 kPa, .180 psi.
DM-2012-LCD	Differential pressure transmitter, range .250-0-.250" w.c., 62.2-0-62.2 Pa, 6.35-0-6.35 mm w.c., .622-0-.622 mbar.
DM-2013-LCD	Differential pressure transmitter, range .500-0-.500" w.c., 124.3-0-124.3 Pa, 12.70-0-12.70 mm w.c., 1.243-0-1.243 mbar.
DM-2019-LCD	Differential pressure transmitter, range .05-.200" w.c., 49.8 Pa, 5.08 mm w.c., 498 mbar.

## Accessories

Model	Description
A-300	Flat aluminum bracket for flush mounting Magnehelic® gage. 6.8" x 6.0" x .1", .35 lb.
A-464	Flush mount kit for Magnehelic® gages.
A-320-A	Enclosure for Series 2000 Magnehelic® Gages, DM-2000 Differential Pressure Transmitter, 4-9/16" (115.89 mm).
A-489	4" 303 SS straight static pressure tip with flange.
SCD-PS	100 to 240 VAC/VDC to 24 VDC power supply.
A-299	Mounting bracket flush mount Magnehelic® gage in bracket. Bracket is then surface mounted . Steel with gray hammertone epoxy finish. 6.3" x 7.7" x 4.0", 1.30 lb.
A-302F-A	303 SS Static pressure tip with mounting flange, for 3/16" I.D. rubber or plastic tubing. 4" insertion depth, includes mounting screws

## Specifications:-

<b>Service</b>	:	Air and non-combustible, compatible gases.
<b>Wetted Materials</b>	:	Consult factory.
<b>Accuracy</b>	:	±1% FS at 70°F.
<b>Stability</b>	:	±1% FS/year
<b>Temperature Limits</b>	:	20 to 120°F (-6.67 to 48.9°C).
<b>Pressure Limits</b>	:	10 psig (0.69 bar).
<b>Thermal Effect</b>	:	±0.055% F.S./°F (0.099% F.S./°C).
<b>Power Requirements</b>	:	10 to 35 VDC (2 wire).
<b>Output Signal</b>	:	4 to 20 mA
<b>Zero and Span Adjustments</b>	:	Digital push-button zero and span.
<b>Loop Resistance</b>	:	DC: 0 to 1250 Ω maximum.
<b>Current Consumption</b>	:	DC: 38 mA maximum.
<b>Electrical Connections</b>	:	Screw-type terminal block.
<b>Display</b>	:	3.5 digit LCD, 0.7" height.
<b>Process Connections</b>	:	1/8" I.D. tubing.
<b>Mounting Orientation</b>	:	Vertical
<b>Weight</b>	:	4.5 oz (136 g)