





PRESSURE & LEVEL INSTRUMENTS DESIGNED

				
210/310 Ultra Low Range	111/211/311 Industrial Transmitter	112/212/312 Ultra High Range	241/341 High Accuracy	1002/1003 Low Cost OEM
<ul style="list-style-type: none"> - HVAC systems - Leak testing - Engine monitoring - Test stands - Bubbler/level systems 	<ul style="list-style-type: none"> - Hydraulic test stands - Pneumatic / hydraulic control - Pumps & compressors - Steel & rolling mills - Process control lines 	<ul style="list-style-type: none"> - Water jet cutters - Test stands - Pasteurization systems - High pressure cleaning 	<ul style="list-style-type: none"> - Engine & transmission test stands - Hydraulic test stands - Laboratory 	<ul style="list-style-type: none"> - On-board vehicle - Pneumatic/ hydraulic control - OEM control systems
<ul style="list-style-type: none"> - Wet gage reference - Low ranges 0-5" WCG - High proof - 500 PSI - Welded, SST design 	<ul style="list-style-type: none"> - Rugged, welded design - Compact & light weight - High cycle life - High proof pressure - Hazardous approvals 	<ul style="list-style-type: none"> - Ranges to 100,000 PSI - Rugged, welded design - High cycle life 	<ul style="list-style-type: none"> - High accuracy $\pm 0.05\%$ - Enhanced thermal performance - Compact design - 1" Dia - All SST construction - Rugged welded construction 	<ul style="list-style-type: none"> - 1" Dia design - Compact, rugged design - Rated for high shock
0-5" WC thru 0-200 PSI G & V	0-1 PSI thru 0-15K PSI G, SG, V, A	0-20K thru 0-100K PSI	0-1 thru 0-10K PSI G, SG, V, A	0-15 thru 0-10K PSI G, SG, V, A
$\pm 0.5\%$, $\pm 0.2\%$ or $\pm 0.1\%$	$\pm 0.5\%$, $\pm 0.2\%$ or $\pm 0.1\%$	$\pm 0.50\%$ or $\pm 0.20\%$	$\pm 0.2\%$, $\pm 0.1\%$ or $\pm 0.05\%$	$\pm 0.5\%$ or $\pm 0.25\%$
Vdc or 4-20 mA	mV/V, Vdc or 4-20 mA	mV/V, Vdc or 4-20 mA	Vdc or 4-20 mA	Vdc or 4-20 mA
1/4" NPT (F)	1/4" NPT (F)	High pressure coned fitting	1/4" NPT (M)	1/4" NPT (M)
Liquid tight connection w/leads	1/2" NPT (M) conduit w/leads or liquid tight connection w/leads	Liquid tight connection w/leads	Customer specified	DIN 43650 Form C
316 SST	17- 4PH & 316 SST	17- 4PH SST	17- 4PH & 316 SST	17- 4PH & 316 SST







**Some options may affect performance, size or other characteristics. Consult factory for final selection.*

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FOR THE INDUSTRIAL, AUTOMATION, PROCESS CONTROL,

					
BASE MODEL ¹	217/317 & 340F Flush Mount	114/214/314 High Range DP	115/215/315 Mid Range DP	216/316 Low Range DP	GPIDP Smart DP
APPLICATIONS	<ul style="list-style-type: none"> - Adhesive or slurry pressures - Tank level - Paint pressures/level 	<ul style="list-style-type: none"> - Hydraulic test stands - High pressure valve testing - High pressure control systems 	<ul style="list-style-type: none"> - Hydraulic test stands - Pump & compressors - Fuel test stands - Valve testing 	<ul style="list-style-type: none"> - Engine test stands - Fuel test stands - Tank level - Leak testing - Flow measurement 	<ul style="list-style-type: none"> - Furnace/HVAC airflow - Hydrostatic tank level - Liquid & gas flow measurement
FEATURES	<ul style="list-style-type: none"> - Threaded flush connection - Flush sensor resists clogging - Compact design - SST construction - 340F - 1" Dia. design 	<ul style="list-style-type: none"> - Compact, rugged design - DP ranges to 20K - No oil fill design - High cyclical rated 	<ul style="list-style-type: none"> - Compact size & weight - SST construction - 10K static line option 	<ul style="list-style-type: none"> - Ultra low ranges to 5" WC - Compact size & weight - High frequency response - 2,500 PSI proof & line option 	<ul style="list-style-type: none"> - Ranges as low as 0.5" WCD - 3,625 PSI Line & proof rating - HART protocol option - Low power option - LCD display & push button adjust
RANGES (PSI)	0-25 PSI thru 0-15K PSI G, SG, V, A	0-500 PSID thru 0-20K PSID	0-30 PSID thru 0-7,500 PSID	0-5" WCD thru 0-150 PSID	0-0.5" WCD thru 0-3,000 PSID
ACCURACY ² (FSO)	±0.5% or ±0.2%	±1%, ±0.5% or ±0.2%	±1%, ±0.5% or ±0.25%	±0.5%, ±0.20% or ±0.10%	±0.2% or ±0.075%
OUTPUT	0-5 Vdc or 4-20 mA	mV/V, 0-5 Vdc or 4-20 mA	mV/V, 0-5 Vdc or 4-20 mA	0-5 Vdc or 4-20 mA	1-5 Vdc or 4-20 mA
PROCESS PORT	3/4" - 14 or 1/2" NPT (M)	1/4" NPT (F)	1/4" NPT (F)	1/4" NPT (F)	1/4" NPT (F)
ELECTRICAL	Mil-spec connector or wire leads	Liquid tight connection w/leads	1/2" NPT (M) conduit w/leads or liquid tight connection w/leads	Liquid tight connection w/leads	Female conduit connection
WETTED PARTS	17- 4PH & 316 SST	17- 4PH & 316 SST	316 SST	316 SST	316 SST






1) Standard options shown. Many options available, consult factory. 2) Accuracy includes; Non-linearity, Hysteresis & Repeatability - BFSL.

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AUTOMOTIVE TEST STAND & OEM MARKETPLACE.

				
BASE MODEL ¹	313 Series Submersible Level	311-M351 Lift Station Level	218/318 Flush Transmitter	280/380 & 283/383 Sanitary Transmitter
APPLICATIONS	<ul style="list-style-type: none"> - Tank, weir, ponds & reservoirs - Ground water - Shipboard level control - Water treatment plants 	<ul style="list-style-type: none"> - Waste water treatment - Lift station level - Sludge/slurry level 	<ul style="list-style-type: none"> - Sanitary tank level - Adhesive or slurry pressures - Paint pressures/level - Bio fuel systems 	<ul style="list-style-type: none"> - Sanitary tank level - Food, beverage, dairy & pharmaceutical - Paint pressures/level
FEATURES	<ul style="list-style-type: none"> - Compact, rugged design - Sea water rated option - Low power options - Rated to 1,100 FT WC 	<ul style="list-style-type: none"> - Non-clogging design - Corrosion resistant construction - Protective cage eliminates damage 	<ul style="list-style-type: none"> - Flush sensor eliminates line clogging - All welded SST construction - Saddle mount option for pipe line connections 	<ul style="list-style-type: none"> - Flush tri-clamp connection - Meets 3A rating - Hastelloy diaphragm option - 350° F option - 3/4" tri-clamp option
RANGES (PSI)	0-25" WC thru 0-500 PSI	0-1 thru 0-500 PSI	0-30" WC thru 0-1,000 PSI G, SG, V, A	0-30" WC thru 0-1,000 PSI G, SG, V, A
ACCURACY ² (FSO)	±0.5%, ±0.20% or ±0.10%	±0.5%, ±0.20% or ±0.10%	±0.5%, ±0.2% or ±0.15%	±0.5%, ±0.2% or ±0.15%
OUTPUT	0-5 Vdc or 4-20 mA	0-5 Vdc or 4-20 mA	0-5 Vdc or 4-20 mA	0-5 Vdc or 4-20 mA
PROCESS PORT	Nose cone	Baffle plate	Flush 1-3/4"- 20 slip ring	Tri-clamp connections
ELECTRICAL	Polyurethane or Tefzel [®] cable	Polyurethane or Tefzel [®] cable	Liquid tight connection w/leads	Liquid tight connection w/leads
WETTED PARTS	316L or Titanium	316 SST	316 SST	316L SST