



TABLE 10. 3051L Dimensional Specifications
Except where indicated, dimensions are in inches (millimeters).

Class	Pipe Size	Flange Thickness A	Bolt Circle Diameter B	Outside Diameter C	No. of Bolts	Bolt Hole Diameter	Extension Diameter ⁽¹⁾ D	O.D. Gasket Surface E
ASME B16.5 (ANSI) 150	2 (51)	0.69 (18)	4.75 (121)	6.0 (152)	4	0.75 (19)	NA	3.6 (92)
	3 (76)	0.88 (22)	6.0 (152)	7.5 (191)	4	0.75 (19)	2.58 (66)	5.0 (127)
	4 (102)	0.88 (22)	7.5 (191)	9.0 (229)	8	0.75 (19)	3.5 (89)	6.2 (158)
ASME B16.5 (ANSI) 300	2 (51)	0.82 (21)	5.0 (127)	6.5 (165)	8	0.75 (19)	NA	3.6 (92)
	3 (76)	1.06 (27)	6.62 (168)	8.25 (210)	8	0.88 (22)	2.58 (66)	5.0 (127)
	4 (102)	1.19 (30)	7.88 (200)	10.0 (254)	8	0.88 (22)	3.5 (89)	6.2 (158)
ASME B16.5 (ANSI) 600	2 (51)	1.00 (25)	5.0 (127)	6.5 (165)	8	0.75 (19)	NA	3.6 (92)
	3 (76)	1.25 (32)	6.62 (168)	8.25 (210)	8	0.88 (22)	2.58 (66)	5.0 (127)
DIN 2501 PN 10–40	DN 50	20 mm	125 mm	165 mm	4	18 mm	NA	4.0 (102)
DIN 2501 PN 25/40	DN 80	24 mm	160 mm	200 mm	8	18 mm	65 mm	5.4 (138)
	DN 100	24 mm	190 mm	235 mm	8	22 mm	89 mm	6.2 (158)
DIN 2501 PN 10/16	DN 100	20 mm	180 mm	220 mm	8	18 mm	89 mm	6.2 (158)

Class	Pipe Size	Process Side F	Lower Housing G		
			1/4 NPT	1/2 NPT	H
ASME B16.5 (ANSI) 150	2 (51)	2.12 (54)	0.97 (25)	1.31 (33)	6.66 (169)
	3 (76)	3.6 (91)	0.97 (25)	1.31 (33)	6.66 (169)
	4 (102)	3.6 (91)	0.97 (25)	1.31 (33)	6.66 (169)
ASME B16.5 (ANSI) 300	2 (51)	2.12 (54)	0.97 (25)	1.31 (33)	6.66 (169)
	3 (76)	3.6 (91)	0.97 (25)	1.31 (33)	6.66 (169)
	4 (102)	3.6 (91)	0.97 (25)	1.31 (33)	6.66 (169)
ASME B16.5 (ANSI) 600	2 (51)	2.12 (54)	0.97 (25)	1.31 (33)	8.66 (219)
	3 (76)	3.6 (91)	0.97 (25)	1.31 (33)	8.66 (219)
DIN 2501 PN 10–40	DN 50	2.4 (61)	0.97 (25)	1.31 (33)	6.66 (169)
DIN 2501 PN 25/40	DN 80	3.6 (91)	0.97 (25)	1.31 (33)	6.66 (169)
	DN 100	3.6 (91)	0.97 (25)	1.31 (33)	6.66 (169)
DIN 2501 PN 10/16	DN 100	3.6 (91)	0.97 (25)	1.31 (33)	6.66 (169)

(1) Tolerances are 0.040 (1.02), -0.020 (0.51).

Ordering Information

TABLE 11. 3051C Differential, Gage, and Absolute Pressure Transmitters — = Not Applicable • = Applicable

Model	Transmitter Type (Select One)			CD	CG	CA
3051CD	Differential Pressure Transmitter			•	—	—
3051CG	Gage Pressure Transmitter			—	•	—
3051CA	Absolute Pressure Transmitter			—	—	•
	3051CD	3051CG ⁽¹⁾	3051CA	CD	CG	CA
0 ⁽²⁾	–3 to 3 inH ₂ O/0.1 inH ₂ O (–7,5 to 7,5 mbar/0,25 mbar)	Not Applicable	Not Applicable	•	—	•
1	–25 to 25 inH ₂ O/0.5 inH ₂ O (–62,2 to 62,2 mbar/1,2 mbar)	–25 to 25 inH ₂ O/0.5 inH ₂ O (–62,2 to 62,2 mbar/1,2 mbar)	0 to 30 psia/0.3 psia (0 to 2,1 bar/20,7 mbar)	•	•	•
2	–250 to 250 inH ₂ O/2.5 inH ₂ O (–623 to 623 mbar/6,2 mbar)	–250 to 250 inH ₂ O/2.5 inH ₂ O (–623 to 623 mbar/6,2 mbar)	0 to 150 psia/1.5 psia (0 to 10,3 bar/0,1 bar)	•	•	•
3	–1000 to 1000 inH ₂ O/10 inH ₂ O (–2,5 to 2,5 bar/25 mbar)	–393 to 1000 inH ₂ O/10 in H ₂ O (–0,98 to 2,5 bar/25 mbar)	0 to 800 psia/8 psia (0 to 55,2 bar/0,55 bar)	•	•	•
4	–300 to 300 psi/3 psi (–20,7 to 20,7 bar/0,2 bar)	–14.2 to 300 psi/3 psi (–0,98 to 20,7 bar/0,2 bar)	0 to 4000 psia/40 psia (0 to 275,8 bar/2,8 bar)	•	•	•
5	–2000 to 2000 psi/20 psi (–137,9 to 137,9 bar/1,4 bar)	–14.2 to 2000 psig/20 psi (–0,98 to 137,9 bar/1,4 bar)	Not Applicable	•	•	—
Code	Output			CD	CG	CA
A	4–20 mA with Digital Signal Based on HART Protocol			•	•	•
M ⁽³⁾	Low-Power, 1–5 V dc with Digital Signal Based on HART Protocol (See Option C2 for 0.8–3.2 V dc)			•	•	•
F	FOUNDATION fieldbus Protocol			•	•	•
W	Profibus — PA			•	•	•
Code	Materials of Construction			CD	CG	CA
	Process Flange Type	Flange Material	Drain/Vent			
2	Coplanar	SST	SST	•	•	•
3 ⁽⁴⁾	Coplanar	Alloy C	Hastelloy C276	•	•	•
4	Coplanar	Monel	Monel	•	•	•
5	Coplanar	Plated CS	SST	•	•	•
7 ⁽⁴⁾	Coplanar	SST	Hastelloy C276	•	•	•
8 ⁽⁴⁾	Coplanar	Plated CS	Hastelloy C276	•	•	•
0	Alternate Flange—See Options on page 26			•	•	•
Code	Isolating Diaphragm			CD	CG	CA
2 ⁽⁴⁾	316L SST			•	•	•
3 ⁽⁴⁾	Hastelloy C276			•	•	•
4	Monel			•	•	•
5	Tantalum (Available on 3051CD and CG, Ranges 2–5 only. Not available on 3051CA)			•	•	—
6	Gold-plated Monel (Use in combination with O-ring Option Code B.)			•	•	•
7	Gold-plated SST			•	•	•
Code	O-ring			CD	CG	CA
A	Glass-filled PTFE			•	•	•
B	Graphite-filled PTFE			•	•	•
Code	Fill Fluid			CD	CG	CA
1	Silicone			•	•	•
2	Inert fill (Halocarbon)			•	•	—

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TABLE 11. 3051C Differential, Gage, and Absolute Pressure Transmitters — = Not Applicable • = Applicable

Code	Housing Material	Conduit Entry Size	CD	CG	CA
A	Polyurethane-covered Aluminum	½–14 NPT	•	•	•
B	Polyurethane-covered Aluminum	M20 × 1.5 (CM20)	•	•	•
C	Polyurethane-covered Aluminum	PG 13.5	•	•	•
D	Polyurethane-covered Aluminum	G½	•	•	•
J	SST	½–14 NPT	•	•	•
K	SST	M20 × 1.5 (CM20)	•	•	•
L	SST	PG 13.5	•	•	•
M	SST	G½	•	•	•
Code	PlantWeb Functionality		CD	CG	CA
A01	Advanced Control Function Block Suite		•	•	•
D01	FOUNDATION fieldbus Diagnostics Suite		•	•	•
Code	Alternate Flange Options (Requires Materials of Construction Code 0)		CD	CG	CA
H2	Traditional Flange, 316 SST, SST Drain/Vent		•	•	•
H3 ⁽⁴⁾	Traditional Flange, Alloy C, Hastelloy C276 Drain/Vent		•	•	•
H4	Traditional Flange, Monel, Monel Drain/Vent		•	•	•
H7 ⁽⁴⁾	Traditional Flange, 316 SST, Hastelloy C276 Drain/Vent		•	•	•
HJ	DIN Compliant Traditional Flange, SST, 7/16 in. Adapter/Manifold Bolting		•	•	•
HK	DIN Compliant Traditional Flange, SST, 10 mm Adapter/Manifold Bolting		•	•	•
HL	DIN Compliant Traditional Flange, SST, 12mm Adapter/Manifold Bolting (Not available on 3051CD0)		•	•	•
FA	Level Flange, SST, 2 in., ANSI Class 150, Vertical Mount		•	•	•
FB	Level Flange, SST, 2 in., ANSI Class 300, Vertical Mount		•	•	•
FC	Level Flange, SST, 3 in., ANSI Class 150, Vertical Mount		•	•	•
FD	Level Flange, SST, 3 in., ANSI Class 300, Vertical Mount		•	•	•
FP	DIN Level Flange, SST, DN 50, PN 40, Vertical Mount		•	•	•
FQ	DIN Level Flange, SST, DN 80, PN 40, Vertical Mount		•	•	•
Code	Integral Mount Manifold Options (Requires Materials of Construction Code 0)		CD	CG	CA
S5	Assemble to Rosemount 305 Integral Manifold (specified separately, see the Rosemount 305 and 306 Integral Manifolds PDS (document number 00813-0100-4733))		•	•	•
Code	Integral Mount Primary Elements (Optional)		CD	CG	CA
S4	Factory Assembly to Rosemount Primary Element (Rosemount Annubar or Rosemount 1195 Integral Orifice) <i>(With the primary element installed, the maximum operating pressure will equal the lesser of either the transmitter or the primary element. Option is available for factory assembly to range 1–4 transmitters only)</i>		•	—	—
S3	Factory Assembly to Rosemount 405 Primary Element		•	—	—
Code	Diaphragm Seal Assemblies (Optional)		CD	CG	CA
	NOTE: Standard flange and adapter bolts are austenitic 316 SST.		CD	CG	CA
S1	One Diaphragm Seal (Direct Mount or Capillary Connection Type)		•	•	•
S2	Two Diaphragm Seals (Direct Mount or Capillary Connection Type)		•	—	—
Code	Optional All Welded Diaphragm Seal Systems (for high vacuum applications)		CD	CG	CA
	NOTE: Standard flange and adapter bolts are austenitic 316 SST.		CD	CG	CA
S7	One Diaphragm Seal, All-Welded System (Capillary Connection Type)		•	•	•
S8	Two Diaphragm Seals, All-Welded System (Capillary Connection Type)		•	—	—
S0	One Diaphragm Seal, All-Welded System (Direct Mount Connection Type)		•	•	•
S9	Two Diaphragm Seals, All-Welded System (One Direct Mount and One Capillary Connection Type)		•	—	—

Product Data Sheet

00813-0100-4001, Rev GA
 Catalog 2006 - 2007

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TABLE 11. 3051C Differential, Gage, and Absolute Pressure Transmitters — = Not Applicable • = Applicable

Code	Mounting Bracket Options	CD	CG	CA
B4	Coplanar Flange Bracket for 2-in. Pipe or Panel Mounting, all SST	•	•	•
B1	Traditional Flange Bracket for 2-in. Pipe Mounting, CS Bolts	•	•	•
B2	Traditional Flange Bracket for Panel Mounting, CS Bolts	•	•	•
B3	Traditional Flange Flat Bracket for 2-in. Pipe Mounting, CS Bolts	•	•	•
B7	B1 Bracket with Series 300 SST Bolts	•	•	•
B8	B2 Bracket with Series 300 SST Bolts	•	•	•
B9	B3 Bracket with Series 300 SST Bolts	•	•	•
BA	SST B1 Bracket with Series 300 SST Bolts	•	•	•
BC	SST B3 Bracket with Series 300 SST Bolts	•	•	•
Code	Hazardous Locations Certification Options	CD	CG	CA
E5	FM Explosionproof Approval	•	•	•
I5	FM Non-incendive and Intrinsic Safety Approval	•	•	•
K5	FM Explosionproof and Intrinsic Safety Approval	•	•	•
I1 ⁽⁵⁾	ATEX Intrinsic Safety and Dust Certification	•	•	•
N1 ⁽⁵⁾	ATEX Type N and Dust Certification	•	•	•
E8	ATEX Flame-proof and Dust Certification	•	•	•
E4 ⁽⁵⁾	JIS Flame-proof Certification			
	JIS Intrinsic Safety Certification (<i>Only available with HART Option Code A</i>)			—
C5 ⁽⁶⁾	Measurement Canada Accuracy Approval (<i>Limited availability depending on transmitter type and range. Contact an Emerson Process Management representative</i>)			
C6	CSA Explosion-proof and Intrinsic Safety Approval	•	•	•
K6 ⁽⁵⁾	CSA and ATEX Explosion-proof and Intrinsic Safety Approval (combination of C6 and K8)	•	•	•
KB	FM and CSA Explosion-proof and Intrinsic Safety Approvals (combination of K5 and C6)	•	•	•
K7	SAA Flame-proof and Intrinsic Safety Approvals (combination of I7, N7, and E7)	•	•	•
K8 ⁽⁵⁾	ATEX Flame-proof and Intrinsic Safety Approvals (combination of I1 and E8)	•	•	•
KD ⁽⁵⁾	FM, CSA, and ATEX Explosion-proof and Intrinsically Safe combination of K5, C6, I1, and E8	•	•	•
I7	SAA Intrinsic Safety Certification	•	•	•
E7	SAA Flame-proof Certification	•	•	•
N7	SAA Type N Certification	•	•	•
IA	ATEX Intrinsic Safety for FISCO; for <i>FOUNDATION</i> fieldbus protocol only	•	•	•
Code	Bolting Options	CD	CG	CA
L4	Austenitic 316 SST Bolts	•	•	•
L5	ASTM A 193, Grade B7M Bolts	•	•	•
L6	Monel Bolts	•	•	•
Code	Meters (Optional)	CD	CG	CA
M5	LCD display for Aluminum Housing (Housing Codes A, B, C, and D only)	•	•	•
M6	LCD display for SST Housing (Housing Codes J, K, L, and M only)	•	•	•

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TABLE 11. 3051C Differential, Gage, and Absolute Pressure Transmitters — = Not Applicable • = Applicable

Code	Other Options	CD	CG	CA
Q4	Calibration Data Sheet	•	•	•
Q8	Material Traceability Certification per EN 10204 3.1.B (Only available for the sensor module housing and Coplanar or traditional flanges and adapters (3051C), and for the sensor module housing and low-volume Coplanar flange and adapter (3051C with Option Code S1))			
Q16	Surface finish certification for sanitary remote seals			
QP	Calibration certification and tamper evident seal			
QS	Certificate of FMEDA Data			
J1 ⁽⁶⁾⁽⁷⁾	Local Zero Adjustment Only			
J3 ⁽⁶⁾⁽⁷⁾	No Local Zero or Span Adjustment			
T1	Transient Protection Terminal Block			
C1 ⁽⁶⁾	Custom Software Configuration (Completed CDS 00806-0100-4001 required with order)	•	•	•
C2 ⁽⁶⁾	0.8–3.2 V dc Output with Digital Signal Based on HART Protocol (Output Code M only)			
C3	Gage Calibration (3051CA4 only)	—	—	•
C4 ⁽⁶⁾⁽⁸⁾	Analog Output Levels Compliant with NAMUR Recommendation NE 43			
CN ⁽⁶⁾⁽⁸⁾	Analog Output Levels Compliant with NAMUR Recommendation NE 43 Alarm Configuration—Low			
P1	Hydrostatic Testing with Certificate	•	•	•
P2	Cleaning for Special Service	•	•	•
P3	Cleaning for <1 PPM Chlorine/Fluorine	•	•	•
P4	Calibrate at line pressure (Specify Q48 on order for corresponding certificate)	•	•	•
DF	1/2 -14 NPT flange adapter(s)— Material determined by flange material	•	•	•
D7	Coplanar Flange Without Drain/Vent Ports	•	•	•
D8	Ceramic Ball Drain/Vents	•	•	•
D9	JIS Process Connection—RC 1/4 Flange with RC 1/2 Flange Adapter	•	•	•
P8	0.04% accuracy to 5:1 turndown (Range 2-4)	•	•	•
P9	4500 psig Static Pressure Limit (3051CD Ranges 2–5 only)	•	—	—
V5 ⁽⁹⁾	External Ground Screw Assembly	•	•	•
Typical Model Number: 3051CD 2 A 2 2 A 1 A B4				

- (1) 3051CG lower range limit varies with atmospheric pressure.
- (2) 3051CD0 is available only with Output Code A, Process Flange Code 0 (Alternate Flange H2, H7, HJ, or HK), Isolating Diaphragm Code 2, O-ring Code A, and Bolting Option L4.
- (3) Not available with hazardous locations certification Options Codes I1, N1, E4, K6 and K8.
- (4) Materials of Construction comply with recommendations per NACE MR0175/ISO 15156 for sour oil field production environments. Environmental limits apply to certain materials. Consult latest standard for details. Selected materials also conform to NACE MR0103 for sour refining environments.
- (5) Not available with Low Power code M.
- (6) Not available with Fieldbus (output code F) or Profibus (output code W).
- (7) Local zero and span adjustments are standard unless Option Code J1 or J3 is specified
- (8) NAMUR-Compliant operation is pre-set at the factory and cannot be changed to standard operation in the field.
- (9) The V5 option is not needed with the T1 option; external ground screw assembly is included with the T1 option.

TABLE 12. 3051T Gage and Absolute Pressure Transmitter

Model	Transmitter Type	
3051T	Pressure Transmitter	
Code	Pressure Type	
G	Gage	
A	Absolute	
Code	Pressure Ranges (Range/Min. Span)	
	3051TG ⁽¹⁾	3051TA
1	-14.7 to 30 psi/0.3 psi (-1,01 to 2,1 bar/20,7 mbar)	0 to 30 psia/0.3 psia (0 to 2,1 bar/20,7 mbar)
2	-14.7 to 150 psi/1.5 psi (-1,01 to 10,3 bar/103,4 mbar)	0 to 150 psia/1.5 psia (0 to 10,3 bar/103,4 mbar)
3	-14.7 to 800 psi/8 psi (-1,01 to 55,2 bar/0,55 bar)	0 to 800 psia/8 psia (0 to 55,2 bar/0,55 bar)
4	-14.7 to 4000 psi/40 psi (-1,01 to 275,8 bar/2,8 bar)	0 to 4000 psia/40 psia (0 to 275,8 bar/2,8 bar)
5	-14.7 to 10000 psi/2000 psi (-1,01 to 689,5 bar/138 bar)	0 to 10000 psia/2000 psia (0 to 689,5 bar/138 bar)
Code	Output	
A	4–20 mA with Digital Signal Based on HART Protocol	
M	Low-Power 1–5 V dc with Digital Signal Based on HART Protocol (See Option Code C2 for 0.8–3.2 V dc Output) (Not available with hazardous certification Option Codes I1, N1, E4, K6 or K8)	
F	FOUNDATION fieldbus Protocol	
W	Profibus — PA	
Code	Process Connection Style	
2B	1/2–14 NPT Female	
2C	G1/2 A DIN 16288 Male (Available in SST for Range 1–4 only)	
2F	Coned and Threaded, Compatible with Autoclave Type F-250-C (Only available in SST for Range 5)	
Code	Isolating Diaphragm	Process Connection Wetted Parts Material
2 ⁽²⁾	316L SST	316L SST
3 ⁽²⁾	Hastelloy C276	Hastelloy C276
Code	Fill Fluid	
1	Silicone	
2	Inert (Fluorinert [®] FC-43)	
Code	Housing Material	Conduit Entry Size
A	Polyurethane-covered Aluminum	1/2–14 NPT
B	Polyurethane-covered Aluminum	M20 × 1.5 (CM20)
C	Polyurethane-covered Aluminum	PG 13.5
D	Polyurethane-covered Aluminum	G1/2
J	SST	1/2–14 NPT
K	SST	M20 × 1.5 (CM20)
L	SST	PG 13.5
M	SST	G1/2
Code	PlantWeb Functionality	
A01	Advanced Control Function Block Suite	
D01	FOUNDATION fieldbus Diagnostics Suite	
Code	Integral Mount Manifold (Optional)	
S5	Assemble to Rosemount 306 Integral Manifold (specified separately, see the Rosemount 305 and 306 Integral Manifolds PDS (document number 00813-0100-4733)) (Requires 1/2-in. process connection code 2B)	
Code	Remote Diaphragm Seals Assemblies (Optional)	
S1	One remote diaphragm seal (Direct Mount or Capillary Connection Type) (Requires Process Connection Style code 2B)	
Code	Mounting Brackets (Optional)	
B4	Bracket for 2-in. Pipe or Panel Mounting, All SST	

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TABLE 12. 3051T Gage and Absolute Pressure Transmitter

Code	Hazardous Locations Certifications (Optional)
E5	FM Explosion-proof Approval
I5	FM Non-incendive and Intrinsic Safety Approval
K5	FM Explosion-proof and Intrinsic Safety Approval
C5	Measurement Canada accuracy approval (<i>Limited availability depending on transmitter type and range. Contact an Emerson Process Management representative</i>)
C6	CSA Explosion-proof and Intrinsic Safety Approval
K6 ⁽³⁾	CSA and ATEX Explosion-proof and Intrinsic Safety Approval (combination of C6 and K8)
KB	FM and CSA Explosion-proof and Intrinsic Safety Approvals (combination of K5 and C6)
K7	SAA Flame-proof and Intrinsic Safety Approvals (combination of I7, N7, and E7)
K8 ⁽³⁾	ATEX Flame-proof and Intrinsic Safety Approvals (combination of I1 and E8)
KD ⁽³⁾	CSA, FM, and ATEX Explosion-proof and Intrinsic Safety Approval (combination of K5, C6, I1, and E8)
I7	SAA Intrinsic Safety Certification
E4 ⁽³⁾	JIS Flame-proof Certification
E7	SAA Flame-proof Certification
N7	SAA Type N Certification
I1 ⁽³⁾	ATEX Intrinsic Safety and Dust Certification
N1 ⁽³⁾	ATEX Type N and Dust Certification
E8	ATEX Flame-proof and Dust Certification
DW	NSF drinking water approval
IA	ATEX Intrinsic Safety for FISCO; for <i>FOUNDATION</i> fieldbus protocol only
Code	Other Options
Q4	Calibration Data Sheet
Q8	Material Traceability Certification per EN 10204 3.1.B <i>NOTE: This option applies to the process connection only.</i>
Q16	Surface finish certification for sanitary remote seals
QP	Calibration certification and tamper evident seal
QS	Certificate of FMEDA Data
J1 ⁽⁴⁾⁽⁵⁾	Local Zero Adjustment Only
J3 ⁽⁴⁾⁽⁵⁾	No Local Zero or Span Adjustment
M5	LCD display for Aluminum Housing (Housing Codes A, B, C, and D only)
M6	LCD display for SST Housing (Housing Codes J, K, L and M only)
T1	Transient Protection Terminal Block
C1 ⁽⁴⁾	Custom Software Configuration (Completed CDS 00806-0100-4001 required with order)
C2 ⁽⁴⁾	0.8–3.2 V dc Output with Digital Signal Based on <i>HART</i> Protocol (Output Code M only)
C4 ⁽⁴⁾⁽⁶⁾	Analog Output Levels Compliant with NAMUR Recommendation NE 43, 27-June-1996.
CN ⁽⁴⁾⁽⁶⁾	Analog Output Levels Compliant with NAMUR Recommendation NE 43: Low Alarm Configuration
P1	Hydrostatic Testing with Certificate
P2	Cleaning for Special Service
P3	Cleaning for <1 PPM Chlorine/Fluorine
P8	0.04% accuracy to 5:1 turndown (Range 1-4)
V5 ⁽⁷⁾	External Ground Screw Assembly
Typical Model Number: 3051T G 5 F 2A 2 1 A B4	

(1) 3051TG lower range limit varies with atmospheric pressure.

(2) Materials of Construction comply with recommendations per NACE MR0175/ISO 15156 for sour oil field production environments. Environmental limits apply to certain materials. Consult latest standard for details. Selected materials also conform to NACE MR0103 for sour refining environments.

(3) Not available with low-power Option Code M.

(4) Not available with fieldbus (output code F) or Profibus protocols (output code W).

(5) Local zero and span adjustments are standard unless Option Code J1 or J3 is specified.

(6) NAMUR-Compliant operation is pre-set at the factory and cannot be changed to standard operation in the field.

(7) The V5 option is not needed with T1 option; external ground screw assembly is included with the T1 option.