Model	Transmitter Type			
3051L	Liquid Level Transmitter			
Pressure Range				
Standard				**Standard**
2	–250 to 250 inH_2O (–0,6 to 0,6 bar)			★
3	–1000 to 1000 inH_2O (–2,5 to 2,5 bar)			★
4	–300 to 300 psi (–20,7 to 20,7 bar)			★
Transmitter Output				
Standard				**Standard**
A	4–20 mA with Digital Signal Based on *HART* Protocol			★
F	FOUNDATION fieldbus Protocol			★
W[(1)]	Profibus PA Protocol			★
Expanded				
M[(2)]	Low-Power 1–5 Vdc with Digital Signal Based on *HART* Protocol (See Option Code C2 for 0.8–3.2 Vdc Output)			
Process Connection Size, Material, Extension length (High Side)				
Standard				**Standard**
Code	**Process Connection Size**	**Material**	**Extension Length**	★
G0[(3)]	2-in./DN 50	316L SST	Flush Mount Only	★
H0[(3)]	2-in./DN 50	Alloy C-276	Flush Mount Only	★
J0	2-in./DN 50	Tantalum	Flush Mount Only	★
A0[(3)]	3-in./DN 80	316L SST	Flush Mount	★
A2[(3)]	3-in./DN 80	316L SST	2-in./50 mm	★
A4[(3)]	3-in./DN 80	316L SST	4-in./100 mm	★
A6[(3)]	3-in./DN 80	316L SST	6-in./150 mm	★
B0[(3)]	4-in./DN 100	316L SST	Flush Mount	★
B2[(3)]	4-in./DN 100	316L SST	2-in./50 mm	★
B4[(3)]	4-in./DN 100	316L SST	4-in./100 mm	★
B6[(3)]	4-in./DN 100	316L SST	6-in./150 mm	★
C0[(3)]	3-in./DN 80	Alloy C-276	Flush Mount	★
C2[(3)]	3-in./DN 80	Alloy C-276	2-in./50 mm	★
C4[(3)]	3-in./DN 80	Alloy C-276	4-in./100 mm	★
C6[(3)]	3-in./DN 80	Alloy C-276	6-in./150 mm	★
D0[(3)]	4-in./DN 100	Alloy C-276	Flush Mount	★
D2[(3)]	4-in./DN 100	Alloy C-276	2-in./50 mm	★

D4[3]	4-in./DN 100	Alloy C-276	4-in./100 mm	★
D6[3]	4-in./DN 100	Alloy C-276	6-in./150 mm	★
E0	3-in./DN 80	Tantalum	Flush Mount Only	★
F0	4-in./DN 100	Tantalum	Flush Mount Only	★
Mounting Flange Size, Rating, Material (High Side)				
	Size	**Rating**	**Material**	
Standard				**Standard**
M	2-in.	ANSI/ASME B16.5 Class 150	CS	★
A	3-in.	ANSI/ASME B16.5 Class 150	CS	★
B	4-in.	ANSI/ASME B16.5 Class 150	CS	★
N	2-in.	ANSI/ASME B16.5 Class 300	CS	★
C	3-in.	ANSI/ASME B16.5 Class 300	CS	★
D	4-in.	ANSI/ASME B16.5 Class 300	CS	★
P	2-in.	ANSI/ASME B16.5 Class 600	CS	★
E	3-in.	ANSI/ASME B16.5 Class 600	CS	★
X[3]	2-in.	ANSI/ASME B16.5 Class 150	SST	★
F[3]	3-in.	ANSI/ASME B16.5 Class 150	SST	★
G[3]	4-in.	ANSI/ASME B16.5 Class 150	SST	★
Y[3]	2-in.	ANSI/ASME B16.5 Class 300	SST	★
H[3]	3-in.	ANSI/ASME B16.5 Class 300	SST	★
J[3]	4-in.	ANSI/ASME B16.5 Class 300	SST	★
Z[3]	2-in.	ANSI/ASME B16.5 Class 600	SST	★
L[3]	3-in.	ANSI/ASME B16.5 Class 600	SST	★
Q	DN 50	PN 10-40 per EN 1092-1	CS	★
R	DN 80	PN 40 per EN 1092-1	CS	★
S	DN 100	PN 40 per EN 1092-1	CS	★
V	DN 100	PN 10/16 per EN 1092-1	CS	★
K[3]	DN 50	PN 10-40 per EN 1092-1	SST	★
T[3]	DN 80	PN 40 per EN 1092-1	SST	★
U[3]	DN 100	PN 40 per EN 1092-1	SST	★
W[3]	DN 100	PN 10/16 per EN 1092-1	SST	★
7[3]	4 in.	ANSI/ASME B16.5 Class 600	SST	★
Expanded				
1	—	10K per JIS B2238	CS	
2	—	20K per JIS B2238	CS	
3	—	40K per JIS B2238	CS	
4[3]	—	10K per JIS B2238	316 SST	

5[(3)]	—	20K per JIS B2238		316 SST	
6[(3)]	—	40K per JIS B2238		316 SST	
Process Fill-High Pressure Side		**Specific Gravity**	**Temperature Limits (Ambient Temperature of 70 °F (21 °C))**		
Standard					**Standard**
A	Syltherm XLT	0.85	-102 to 293 °F (-75 to 145 °C)		★
C	Silicone 704	1.07	32 to 401 °F (0 to 205 °C)		★
D	Silicone 200	0.93	-49 to 401 °F (-45 to 205 °C)		★
H	Inert (Halocarbon)	1.85	-49 to 320 °F (-45 to 160 °C)		★
G	Glycerine and Water	1.13	5 to 203 °F (-15 to 95 °C)		★
N	Neobee M-20	0.92	5 to 401 °F (-15 to 205 °C)		★
P	Propylene Glycol and Water	1.02	5 to 203 F (-15 to 95 °C)		★
Low Pressure Side					
	Configuration	**Flange Adapter**	**Diaphragm Material**	**Sensor Fill Fluid**	
Standard					**Standard**
11[(3)]	Gage	SST	316L SST	Silicone	★
21[(3)]	Differential	SST	316L SST	Silicone	★
22[(3)]	Differential	SST	Alloy C-276	Silicone	★
2A[(3)]	Differential	SST	316L SST	Inert (Halocarbon)	★
2B[(3)]	Differential	SST	Alloy C-276	Inert (Halocarbon)	★
31[(3)]	Tuned-System Assembly with Remote Seal	None	316L SST	Silicone *(Requires Option Code S1)*	★
O-ring					
Standard					**Standard**
A	Glass-filled PTFE				★
Housing Material			**Conduit Entry Size**		
Standard					**Standard**
A	Aluminum		½–14 NPT		★
B	Aluminum		M20 × 1.5		★
J	SST		½–14 NPT		★
K	SST		M20 × 1.5		★

Expanded			
D	Aluminum	G½	
M	SST	G½	

A.5.3 Options (Include with selected model number)

PlantWeb Control Functionality		
Standard		**Standard**
A01	FOUNDATION fieldbus Advanced Control Function Block Suite	★
PlantWeb Diagnostic Functionality		
Standard		**Standard**
D01	FOUNDATION fieldbus Diagnostics Suite	★
Seal Assemblies		
Standard		**Standard**
S1[4]	Assembled to One Rosemount 1199 Seal (Requires 1199M)	★
Product Certifications		
Standard		**Standard**
E5	FM Explosion-proof, Dust Ignition-proof	★
I5	FM Intrinsically Safe, Division 2	★
K5	FM Explosion-proof, Dust Ignition-proof, Intrinsically Safe, and Division 2	★
I1[5]	ATEX Intrinsic Safety and Dust	★
N1[5]	ATEX Type n Certification and Dust	★
E8	ATEX Flameproof and Dust	★
E4[5]	TIIS Flameproof	★
C6	CSA Explosion-proof, Dust Ignition-proof, Intrinsically Safe, and Division 2	★
K6[5]	CSA and ATEX Explosion-proof, Intrinsically Safe, and Division 2 (combination of C6 and K8)	★
KB	FM and CSA Explosion-proof, Dust Ignition-proof, Intrinsically Safe, and Division 2 (combination of K5 and C6)	★
K7[5]	IECEx Flameproof, Dust Ignition-proof, Intrinsic Safety, and Type n (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, Intrinsically Safe (combination of K5, C6, I1, and E8)	★

I7[5]	IECEx Intrinsic Safety	★
E7[5]	IECEx Flameproof, Dust Ignition-proof	★
N7[5]	IECEx Type n Certification	★
IA	ATEX FISCO Intrinsic Safety	★
IE	FM FISCO Intrinsically Safe	★
E2	INMETRO Flameproof	★
I2	INMETRO Intrinsic Safety	★
K2	INMETRO Flameproof, Intrinsic Safety	★
E3	China Flameproof	★
I3	China Intrinsic Safety	★
N3	China Type n	★
Bolting Material		
Standard		**Standard**
L4	Austenitic 316 SST Bolts	★
L5	ASTM A 193, Grade B7M bolts	★
L6	Alloy K-500 Bolts	★
L8	ASTM A 193 Class 2, Grade B8M Bolts	★
Display Type		
Standard		**Standard**
M4[6]	LCD Display with Local Operator Interface	★
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)	★
Calibration Certification		
Standard		**Standard**
Q4	Calibration Certificate	★
QP	Calibration Certificate and tamper evident seal	★
QG	Calibration Certificate and GOST Verification Certificate	★
Material Traceability Certification		
Standard		**Standard**
Q8	Material Traceability Certification per EN 10204 3.1	★
Quality Certification for Safety		
Standard		**Standard**
QS[7]	Prior-use certificate of FMEDA data	★

Toolkit Total System Performance Reports		
Standard		**Standard**
QZ	Remote Seal System Performance Calculation Report	★
Conduit Electrical Connector		
Standard		**Standard**
GE	M12, 4-pin, Male Connector (eurofast®)	★
GM	A size Mini, 4-pin, Male Connector (minifast®)	★
Hardware Adjustments		
Standard		**Standard**
J1[8][9]	Local Zero Adjustment Only	★
J3[8][9]	No Local Zero or Span Adjustment	★
Transient Protection		
Standard		**Standard**
T1[10]	Transient Protection Terminal Block	★
Software Configuration		
Standard		**Standard**
C1[8]	Custom Software Configuration (Completed CDS 00806-0100-4001 required with order)	★
Low Power Output		
Standard		**Standard**
C2[8]	0.8–3.2 Vdc Output with Digital Signal Based on HART Protocol (Available with Output code M only)	★
Alarm Limit		
Standard		**Standard**
C4[8][11]	NAMUR alarm and saturation levels, high alarm	★
CN[8][11]	NAMUR alarm and saturation levels, low alarm	★
CR	Custom alarm and saturation signal levels, high alarm	★
CS	Custom alarm and saturation signal levels, low alarm	★
CT	Low alarm (standard Rosemount alarm and saturation levels)	★
Conduit Plug		
Standard		**Standard**
D0	316 SST Conduit Plug	★
Ground Screw		
Standard		**Standard**
V5[12]	External Ground Screw Assembly	★

Lower Housing Flushing Connection Options				
	Ring Material	**Number**	**Size (NPT)**	
Standard				**Standard**
F1	316 SST	1	1/4-18 NPT	★
F2	316 SST	2	1/4-18 NPT	★
F3	Alloy C-276	1	1/4-18 NPT	★
F4	Alloy C-276	2	1/4-18 NPT	★
F7	316 SST	1	1/2-14 NPT	★
F8	316 SST	2	1/2-14 NPT	★
F9	Alloy C-276	1	1/2-14 NPT	★
F0	Alloy C-276	2	1/2-14 NPT	★
Typical Model Number: 3051L 2 A A0 D 21 A A F1				

(1) Option code M4 - LCD Display with Local Operator Interface required for local addressing and configuration.
(2) Not available with hazardous certification Option Codes I1, N1, E4, K6, and K8.
(3) Materials of Construction comply with metallurgical requirements highlighted within 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.
(4) "Assemble-to" items are specified separately and require a completed model number.
(5) Not available with low-power Option Code M
(6) Available only with output code W - Profibus PA.
(7) Only available with HART 4-20 mA output (output code A).
(8) Not available with fieldbus (output code F) or profibus protocols (output code W).
(9) Local zero and span adjustments are standard unless Option Code J1 or J3 is specified.
(10) The T1 option is not needed with FISCO Product Certifications; transient protection is included in the FISCO product certification codes IA, IE, IF, and IG.
(11) NAMUR-Compliant operation is pre-set at the factory and cannot be changed to standard operation in the field.
(12) The V5 option is not needed with the T1 option; external ground screw assembly is included with the T1 option.

Model	**Transmitter Type (Select One)**		**HD**	**HG**	
3051HD	Differential Pressure Transmitter for High Temperature Processes		•	—	
3051HG	Gage Pressure Transmitter High-Temperature Processes		•—	••	
Code	**Pressure Ranges (Range/ Min. Span)**				
	3051HD	3051HG			
2	–250 to 250 inH_2O/2.5 inH_2O (–0,62 to 0,62 bar/6,2 mbar)	–250 to 250 inH_2O/2.5 inH_2O (–0,62 to 0,62 bar/6,2 mbar)			
3	–1000 to 1000 inH_2O/10 inH_2O (–2,5 to 2,5 bar/25 mbar)	–407 to 1000 inH_2O/10in H_2O (–1,01 to 2,5 bar/25 mbar)			
4	–300 to 300 psi (–20,7 to 20,7 bar/0.2 bar)	–14.7 to 300 psi/3 psi (–1,01 to 20,7 bar/0,2 bar)			
5	–2000 to 2000 psi (–138 to 138 bar/1,4 bar)	–14.7 to 2000 psi/20 psi (–1,01 to 138 bar/1,4 bar)			
NOTE: 3051HG lower range limit varies with atmospheric pressure.					
Code	**Output**		**HD**	**HG**	
Expanded					
A	4–20 mA with Digital Signal Based on HART Protocol		••	••	
F	FOUNDATION fieldbus Protocol		••	••	