Rosemount[™] 3051 Pressure Transmitter











Wireless**HART**

With the Rosemount 3051 Pressure Transmitter, you'll gain more control over your plant. You'll be able to reduce product variation, and complexity as well as your total cost of ownership by leveraging one device across a number of pressure, level, and flow applications. You'll have access to information you can use to diagnose, correct, and even prevent issues. And with unparalleled reliability and experience, the Rosemount 3051 is the industry standard that will help you perform at higher levels of efficiency and safety so you can remain globally competitive.



Rosemount 3051C Coplanar Pressure Transmitter



Rosemount 3051C Coplanar[™] Pressure Transmitters are the industry standard for differential, gage, and absolute pressure measurement. The coplanar platform enables seamless integration with manifolds, flow and level solutions. Capabilities include:

- Power advisory can proactively detect degraded electrical loop integrity issues (option code DA0)
- LOI with straightforward menus and built-in configuration buttons (option code M4)
- Safety Certification (option code QT)

Additional information:

Specifications: page 44 Certifications: page 56

Dimensional drawings: page 67

See Specifications and options for more details on each configuration. Specification and selection of product materials, options, or components must be made by the purchaser of the equipment. See page 53 for more information on material selection.

Table 1. Rosemount 3051C Coplanar Pressure Transmitters Ordering Information

The starred offerings (★) represent the most common options and should be selected for best delivery. The non-starred offerings are subject to additional delivery lead time.

Rosemount model ⁽¹⁾	Transmitter type			
3051C	Coplanar pressure transmitter			
Measuremer	nt type			
D	Differential			*
G	Gage			*
A ⁽²⁾	Absolute			
Pressure ran	ge			
	Differential (Rosemount 3051CD)	Gage (Rosemount 3051CG)	Absolute (Rosemount 3051CA)	
1	-25 to 25 inH ₂ O (-62,16 to 62,16 mbar)	-25 to 25 inH ₂ O (-62,16 to 62,16 mbar)	0 to 30 psia (0 to 2,06 bar)	*
2	-250 to 250 inH ₂ O (-621,60 to 621,60 mbar)	-250 to 250 inH ₂ O (-621,60 to 621,60 mbar)	0 to 150 psia (0 to 10,34 bar)	*
3	-1000 to 1000 inH ₂ O (-2,48 to 2,48 bar)	-393 to 1000 inH ₂ O (-0,97 to 2,48 bar)	0 to 800 psia (0 to 55,15 bar)	*
4	-300 to 300 psi (-20,68 to 20,68 bar)	-14.2 to 300 psi (-0,97 to 20,68 bar)	0 to 4000 psia (0 to 275,79 bar)	*
5	-2000 to 2000 psi (-137,89 to 137,89 bar)	-14.2 to 2000 psi (-0,97 to 137,89 bar)	N/A	*
0(3)	-3 to 3 inH ₂ O (-7,46 to 7,46 mbar)	N/A	N/A	
Transmitter o	output			
A ⁽⁴⁾	4–20 mA with digital signal base	ed on HART® Protocol		*
F	FOUNDATION™ Fieldbus Protocol			*
W ⁽⁵⁾	PROFIBUS® PA Protocol			*
X ⁽⁶⁾	Wireless (requires wireless optio	ns and engineered polymer housing)		*
M ⁽⁷⁾	Low-power, 1–5 Vdc with digital	signal based on HART Protocol		

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Table 1. Rosemount 3051C Coplanar Pressure Transmitters Ordering Information

The starred offerings (\star) represent the most common options and should be selected for best delivery. The non-starred offerings are subject to additional delivery lead time.

Materia	ls of construction			
	Process flange type	Flange material	Drain/vent	
2	Coplanar	SST	SST	*
3(8)	Coplanar	Cast C-276	Alloy C-276	*
4	Coplanar	Alloy 400	Alloy 400/K-500	*
5	Coplanar	Plated CS	SST	*
7 ⁽⁸⁾	Coplanar	SST	Alloy C-276	*
8(8)	Coplanar	Plated CS	Alloy C-276	*
0	Alternate process connec	tion		*
Isolating	g diaphragm			
2 ⁽⁸⁾	316L SST			*
3(8)	Alloy C-276			*
4 ⁽⁹⁾	Alloy 400			
5 ⁽⁹⁾	Tantalum (available on Ro	semount 3051CD and CG	, ranges 2–5 only; not available on Rosemount 3051CA)	
6 ⁽⁹⁾	Gold-plated alloy 400 (use	e in combination with O-ri	ng option code B)	
7 ⁽⁹⁾	Gold-plated 316 SST			
O-ring	'			
Α	Glass-filled PTFE			*
В	Graphite-filled PTFE			*
Sensor f	ill fluid			
1	Silicone			*
2 ⁽⁹⁾	Inert (differential and gag	e only)		*
Housing	material		Conduit entry size	
Α	Aluminum		1/2–14 NPT	*
В	Aluminum		M20 x 1.5	*
E	Aluminum, ultra low copp	per	1/2-14 NPT	*
F	Aluminum, ultra low copp	per	M20 x 1.5	*
J	SST		1/2-14 NPT	*
K	SST		M20 x 1.5	*
P ⁽¹⁰⁾	Engineered polymer		No conduit entries	*
D ⁽¹¹⁾	Aluminum		G ¹ / ₂	
M ⁽¹¹⁾	SST		G ¹ / ₂	

Wireless options (requires wireless output code X and engineered polymer housing code P)

Wireless tran	smit rate, operating frequency, and protocol	
WA3	User Configurable Transmit Rate, 2.4GHz WirelessHART	*
Antenna and	SmartPower™	
WP5	Internal antenna, compatible with Green Power Module (I.S. Power Module sold separately)	*

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Options (include with selected model number)

	ear limited warranty	
WR5 5-ve		★
j 3 y c	ear limited warranty	*
Plantweb™contro	ol functionality ⁽¹²⁾	
A01 Fou	NDATION Fieldbus control function block suite	*
Plantweb diagnos	stic functionality	
DA0 ⁽¹³⁾ Pow	ver Advisory HART Diagnostic	*
D01 ⁽¹²⁾ Fou	NDATION Fieldbus Diagnostics Suite	*
Alternate flange(1	4)	
H2 Trac	litional flange, 316 SST, SST drain/vent	*
H3 ⁽⁸⁾ Trac	litional flange, alloy C, alloy C-276 drain/vent	*
H4 Trac	litional flange, cast alloy 400, alloy 400/K-500 drain/vent	*
H7 ⁽⁸⁾ Trac	litional flange, 316 SST, alloy <i>C-276</i> drain/vent	*
HJ DIN	-compliant traditional flange,SST,7/16-in. adapter/manifold bolting	*
FA Leve	el flange, SST, 2-in., ANSI class 150, vertical mount 316 SST drain/vent	*
FB Leve	el flange, SST, 2-in., ANSI Class 300, vertical mount 316 SST drain/vent	*
FC Leve	el flange, SST, 3-in., ANSI Class 150, vertical mount 316 SST drain/vent	*
FD Leve	el flange, SST, 3-in., ANSI Class 300, vertical mount 316 SST drain/vent	*
FP DIN	level flange, SST, DN 50, PN 40, vertical mount 316 SST drain/vent	*
FQ DIN	level flange, SST, DN 80, PN 40, vertical mount 316 SST drain/vent	*
HK ⁽¹⁵⁾ DIN	compliant traditional flange, SST, 10 mm adapter/manifold bolting 316 SST	
HL DIN	compliant traditional flange, SST, 12 mm adapter/manifold bolting 316 SST	
Manifold assembl	y ⁽¹⁶⁾	
S5 Asse	emble to Rosemount 305 Integral Manifold	*
S6 Asse	emble to Rosemount 304 Manifold or Connection System	*
Integral mount pr	imary element ⁽¹⁵⁾⁽¹⁶⁾	
S3 Asse	emble to Rosemount 405 Compact Orifice Plate	*
S4 ⁽¹⁷⁾ Asse	emble to Rosemount Annubar [™] or Rosemount 1195 Integral Orifice	*
Seal assemblies(16	5)	
S1 ⁽¹⁸⁾ Asse	emble to one Rosemount 1199 seal	*
S2 ⁽¹⁹⁾ Asse	emble to two Rosemount 1199 seals	*
Mounting bracket	t (20)	
B4 Cop	lanar flange bracket, all SST, 2-in. pipe and panel	*
	litional flange bracket, CS, 2-in. pipe	*
B2 Trac	litional flange bracket, CS, panel	*
B3 Trac	litional flange flat bracket, CS, 2-in. pipe	*
B7 Trac	litional flange bracket, B1 with SST bolts	*
B8 Trac	litional flange bracket, B2 with SST bolts	*
B9 Trac	litional flange bracket, B3 with SST bolts	*

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Table 1. Rosemount 3051C Coplanar Pressure Transmitters Ordering Information

The starred offerings (\star) represent the most common options and should be selected for best delivery. The non-starred offerings are subject to additional delivery lead time.

	very lead time.	_
BA	Traditional flange bracket, B1, all SST	*
BC	Traditional flange bracket, B3, all SST	*
Product certi	fications	
E8	ATEX Flameproof and Dust Certification	*
I1 ⁽²¹⁾	ATEX Intrinsic Safety and Dust	*
IA	ATEX FISCO Intrinsic Safety; for FOUNDATION Fieldbus or PROFIBUS PA Protocol only	*
N1	ATEX Type n Certification and Dust	*
K8	ATEX Flameproof, Intrinsic Safety, Type n, Dust (combination of E8, I1 and N1)	*
E4 ⁽²²⁾	TIIS Flame-proof	*
E5	FM Explosion-proof, Dust Ignition-Proof	*
I5 ⁽²³⁾	FM Intrinsically Safe, Nonincendive	*
IE	FM FISCO Intrinsically Safe; for FOUNDATION Fieldbus or PROFIBUS PA Protocol only	*
K5	FM Explosion-proof, Dust Ignition-Proof, Intrinsically Safe, and Division 2	*
C6	CSA Explosion-proof, Dust Ignition-proof, Intrinsically Safe, and Division 2	*
I6 ⁽¹⁰⁾	CSA Intrinsic Safety	*
K6	CSA and ATEX Explosion-proof, Intrinsically Safe, and Division 2 (combination of C6, E8, and I1)	*
E7	IECEx Flameproof, Dust Ignition-proof	*
17	IECEx Intrinsic Safety	*
N7	IECEx Type n Certification	*
K7	IECEx Flame-proof, Dust Ignition-proof, Intrinsic Safety, and Type n (combination of I7, N7, and E7)	*
E2	INMETRO Flameproof	*
12	INMETRO Intrinsic Safety	*
IB	INMETRO FISCO intrinsically safe; for FOUNDATION Fieldbus or PROFIBUS PA Protocols only	*
K2	INMETRO Flameproof, Intrinsic Safety	*
E3	China Flameproof	*
13	China Intrinsic Safety	*
N3	China Type n	*
EM	Technical Regulations Customs Union (EAC) Flameproof	*
IM	Technical Regulations Customs Union (EAC) Intrinsic Safety	*
KM	Technical Regulations Customs Union (EAC) Flameproof and Intrinsic Safety	*
KB	FM and CSA Explosion-proof, Dust Ignition Proof, Intrinsically Safe, and Division 2 (combination of K5 and C6)	*
KD	FM, CSA, and ATEX Explosion-proof, Intrinsically Safe (combination of K5, C6, I1, and E8)	*
Drinking wat	rer approval ⁽²⁴⁾	
DW	NSF drinking water approval	*
Shipboard ap	pprovals ⁽⁹⁾	
SBS	American Bureau of Shipping	*
SBV ⁽²⁵⁾	Bureau Veritas (BV)	*
SDN	Det Norske Veritas	*
SLL ⁽²⁵⁾	Lloyds Register (LR)	*
Custody tran	sfer ⁽¹³⁾	
C5	Measurement Canada Accuracy Approval (limited availability depending on transmitter type and range; contact an Emerson™ representative)	*

Table 1. Rosemount 3051C Coplanar Pressure Transmitters Ordering Information

The starred offerings (\star) represent the most common options and should be selected for best delivery. The non-starred offerings are subject to additional delivery lead time.

Bolting n	naterial	
	Austenitic 316 SST bolts	*
L5	ASTM A 193, grade B7M bolts	*
L6	Alloy K-500 bolts	*
	nd interface options	
M4 ⁽²⁶⁾	LCD display with LOI	*
M5	LCD display	*
Calibration	on certificate	
Q4	Calibration Certificate	*
QG ⁽²⁷⁾	Calibration Certificate and GOST Verification Certificate	*
QP	Calibration certification and tamper evident seal	*
Material	traceability certification	
Q8	Material Traceability Certification per EN 10204 3.1	*
Quality c	ertification for safety ⁽¹³⁾	
QS	Prior-use certificate of FMEDA data	*
QT	Safety certified to IEC 61508 with certificate of FMEDA	*
Configur	ation buttons	
D4 ⁽¹³⁾	Analog zero and span	*
DZ ⁽²⁸⁾	Digital zero trim	*
Transient	protection ⁽⁹⁾⁽²⁹⁾	
T1	Transient protection terminal block	*
Software	configuration ⁽²⁸⁾	
C1	Custom Software Configuration (For wired, see the Rosemount 3051 <u>Configuration Data Sheet</u> . For wireless, see the Rosemount 3051 Wireless <u>Configuration Data Sheet</u> .)	*
Low pow	er output	
C2	0.8–3.2 Vdc output with digital signal based on HART Protocol (available with output code M only)	*
Gage pre	ssure calibration	
C3	Gage calibration (Rosemount 3051ca4 only)	*
Alarm lev	vels ⁽¹³⁾	
C4	Analog output levels compliant with NAMUR recommendation NE 43, alarm high	*
CN	Analog output levels compliant with NAMUR recommendation NE 43, alarm low	*
CR	Custom alarm and saturation signal levels, high alarm (requires C1 and Rosemount 3051 Configuration Data Sheet)	*
CS	Custom alarm and saturation signal levels, low alarm (requires C1 and Rosemount 3051 Configuration Data Sheet)	*
CT	Rosemount standard low alarm	*
Pressure	testing	
P1	Hydrostatic testing with certificate	

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Table 1. Rosemount 3051C Coplanar Pressure Transmitters Ordering Information

The starred offerings (★) represent the most common options and should be selected for best delivery. The non-starred offerings are subject to additional delivery lead time.

Cleaning for <1 PPM chlorine/fluorine Flange adapters(30) DF 1/2-14 NPT flange adapter(s) * Vent/drain valves D7 Coplanar flange without drain/vent ports Conduit plug (9)(31) D0 316 SST conduit plug * CC1/4 RC1/2 process connection (32) D9 RC 1/4 flange with RC 1/2 flange adapter - SST Wax static line pressure * Vent/discretification for sanitary remote seals * Coround screw (9)(33) CS External ground screw assembly * Coround screw (9)(33) CS Remote seal system performance reports * COROUND (16) Surface finish certification for sanitary remote seals * Coround total system performance reports * COROUND (16) * COROUND (16	to additional de	livery lead time.	
Cleaning for <1 PPM chlorine/fluorine Flange adapters(30) Flange adapters(30) Flange adapters(30) Flange adapters(30) Flange adapters(30) Flange adapters(30) Coplanar flange without drain/vent ports Conduit plug(9)(31) Conduit plug(9)(31) Colod 316 SST conduit plug RC1/4 RC1/2 process connection(32) Plange with RC 1/2 flange adapter - SST Max static line pressure Plange 4500 psig (310,26 bar) static pressure limit (Rosemount 3051CD Ranges 2–5 only) **Cround screw(9)(33) **Cround screw	Cleaning pr	ocess area	
Flange adapters(30) OF 1/2-14 NPT flange adapter(s)	P2	Cleaning for special service	
Application Table	P3	Cleaning for <1 PPM chlorine/fluorine	
Vent drain valves Coplanar flange without drain/vent ports	Flange adap	oters ⁽³⁰⁾	
Conduit plug (9)(31) 316 SST conduit plug (2)(31) 316 SST conduit plug (32) 316 SST conduit plug (32) 316 SST conduit plug (32) 317 RC (1/4 RCr)/2 process connection (32) 318 SST conduit plug (32) 319 RC (1/4 flange with RC (1/2 flange adapter - SST (32) 329 RC (1/4 flange with RC (1/2 flange adapter - SST (32) 320 A 500 psig (310,26 bar) static pressure limit (Rosemount 3051CD Ranges 2–5 only)	DF	¹/2–14 NPT flange adapter(s)	*
Conduit plug (9)(31) 200 316 SST conduit plug ** ** ** ** ** ** ** ** ** ** ** **	Vent/drain	valves	
ACC a RCC 2 process connection(32) Possible RC A flange with RC A flange adapter - SST	D7	Coplanar flange without drain/vent ports	
RC1/4 RC1/2 process connection (32) P9 RC 1/4 flange with RC 1/2 flange adapter - SST Max static line pressure P9 4500 psig (310,26 bar) static pressure limit (Rosemount 3051CD Ranges 2–5 only) ** Ground screw(9)(33) /5 External ground screw assembly ** Surface finish D16 Surface finish certification for sanitary remote seals ** Foolkit total system performance reports D2 Remote seal system performance calculation report ** ** ** Conduit electrical connector(9) D5 M12, 4-pin, male connector (eurofast*) A size Mini, 4-pin, male connector (minifast*) ** NACE** certificate(34) D15 Certificate of Compliance to NACE MR0175/ISO 15156 for wetted materials ** ** ** ** ** ** ** ** **	Conduit plu	ug ⁽⁹⁾⁽³¹⁾	
RC 1/4 flange with RC 1/2 flange adapter - SST	DO	316 SST conduit plug	*
Max static line pressure 99 4500 psig (310,26 bar) static pressure limit (Rosemount 3051CD Ranges 2–5 only) \$500000000000000000000000000000000000	RC1/4 RC1/2 p	process connection ⁽³²⁾	
4500 psig (310,26 bar) static pressure limit (Rosemount 3051CD Ranges 2–5 only) ** ** ** ** ** ** ** ** **	D9	RC 1/4 flange with RC 1/2 flange adapter - SST	
External ground screw assembly	Max static l	ine pressure	
### Surface finish Surface finish S	P9	4500 psig (310,26 bar) static pressure limit (Rosemount 3051CD Ranges 2–5 only)	*
Surface finish 216 Surface finish certification for sanitary remote seals ** Foolkit total system performance reports 22 Remote seal system performance calculation report ** ** ** ** ** ** ** ** **	Ground scr	ew ⁽⁹⁾⁽³³⁾	
Surface finish certification for sanitary remote seals	V5	External ground screw assembly	*
Foolkit total system performance reports 2Z Remote seal system performance calculation report Econduit electrical connector(9) EE M12, 4-pin, male connector (eurofast®) A size Mini, 4-pin, male connector (minifast®) ** NACE® certificate(34) 215 Certificate of Compliance to NACE MR0175/ISO 15156 for wetted materials 225 Certificate of Compliance to NACE MR0103 for wetted materials ** ** Cold temperature(35) ERS	Surface fini	sh	
Remote seal system performance calculation report Conduit electrical connector(9) E M12, 4-pin, male connector (eurofast®) A size Mini, 4-pin, male connector (minifast®) NACE® certificate(34) E Coertificate of Compliance to NACE MR0175/ISO 15156 for wetted materials Coertificate of Compliance to NACE MR0103 for wetted materials Cold temperature(35) R B Cold temperature(35) Configured for HART Revision 5 Configured for HART Revision 7 * * * * * * * * * * * *	Q16	Surface finish certification for sanitary remote seals	*
Conduit electrical connector (9) EE M12, 4-pin, male connector (eurofast®) A size Mini, 4-pin, male connector (minifast®) NACE® certificate (34) E15 Certificate of Compliance to NACE MR0175/ISO 15156 for wetted materials E25 Certificate of Compliance to NACE MR0103 for wetted materials ** ** ** ** ** ** ** ** **	Toolkit tota	l system performance reports	
M12, 4-pin, male connector (eurofast®) A size Mini, 4-pin, male connector (minifast®) NACE® certificate(34) 215	QZ	Remote seal system performance calculation report	*
A size Mini, 4-pin, male connector (minifast®) NACE® certificate Certificate of Compliance to NACE MR0175/ISO 15156 for wetted materials Certificate of Compliance to NACE MR0103 for wetted materials Cold temperature Cold temperature Cold temperature Cold temperature ART Revision configuration (requires HART Protocol output code A)(4) HRS Configured for HART Revision 7	Conduit ele	ctrical connector ⁽⁹⁾	
NACE® certificate (34) 215	GE	M12, 4-pin, male connector (eurofast®)	*
Cold temperature (35) RRS	GM	A size Mini, 4-pin, male connector (minifast®)	*
Cold temperature (35) RR5	NACE® certi	ificate ⁽³⁴⁾	
Cold temperature ⁽³⁵⁾ RR5	Q15	Certificate of Compliance to NACE MR0175/ISO 15156 for wetted materials	*
RR5	Q25	Certificate of Compliance to NACE MR0103 for wetted materials	*
RR6	Cold tempe	rature ⁽³⁵⁾	
HART Revision configuration (requires HART Protocol output code A)(4) HR5 Configured for HART Revision 5 ★ HR7 Configured for HART Revision 7 ★	BR5	−58 °F (−50 °C) cold temperature	*
HR5 Configured for HART Revision 5 ★ HR7 Configured for HART Revision 7 ★	BR6	−76 °F (−60 °C) cold temperature	*
HR7 Configured for HART Revision 7 ★	HART Revis	ion configuration (requires HART Protocol output code A) ⁽⁴⁾	
	HR5	Configured for HART Revision 5	*
Typical model number: 3051CD 2 A 2 2 A 1 A B4	HR7	Configured for HART Revision 7	*
	Typical mod	del number: 3051CD 2 A 2 2 A 1 A B4	

- $1. \hspace{1.5cm} \textbf{Select configuration buttons (option code D4 or DZ) or LOI (option code M4) if local configuration buttons are required.} \\$
- 2. If ordered with Wireless output code X, only range 1–4, 316L stainless steel (SST) diaphragm material (code 2), silicone fill fluid (code 1) and wireless housing (code P) are available.
- 3. Rosemount 3051CD0 is only available with output code A and X. For output code A, only process flange code 0 (Alternate flange H2, H7, HJ or HK), isolating diaphragm code 2, O ring code A and bolting option L4 are available. For output code X, only process flange code 0 (Alternate flange H2), isolating diaphragm code 2, O ring code A and bolting option L4 are available.

4. Option HR5 configures the HART output to HART Revision 5. Option HR7 configures the HART output to HART Revision 7. The device can be field configured to HART Revision 5 or 7 if desired. HART Revision 5 is the default HART output.

- 5. For local addressing and configuration, M4 (LOI) is required.
- 6. Available approvals are FM Intrinsically Safe, (option code I5), CSA Intrinsically Safe (option code I6), ATEX Intrinsic Safety (option code I1), IECEx Intrinsic Safety (option code I7) and EAC Intrinsic Safety (option code IM).
- 7. Only available with C6, E2, E5, I5, K5, KB and E8 product certifications. Not available with GE, GM, SBS, DA0, M4, D4, DZ, QT, HR5, HR7, CR, CS, CT.
- 8. 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.
- 9. Not available with wireless output (code X).
- 10. Only available with wireless output (code X).
- 11. Not available with Product certifications options E8, K8, E5, K5, C6, K6, E7, K7, E2, K2, E3, KB, KD.
- 12. Only valid with FOUNDATION Fieldbus output code F.
- 13. Only available with HART 4–20 mA output (code A).
- 14. Requires 0 code in materials of construction for alternate process connection.
- 15. Not valid with option code P9 for 4500 psi Static Pressure.
- 16. "Assemble-to" items are specified separately and require a completed model number.
- 17. Process flange limited to coplanar (option codes 2, 3, 5, 7, 8) or traditional (option codes H2, H3, H7).
- 18. Not valid with option code D9 for RC¹/2 adapters.
- 19. Not valid for option codes DF and D9 for adapters.
- 20. Panel mounting bolts are not supplied.
- 21. Dust approval not applicable to output code X. See "Certificate: AG-0226; AG-0454; AG-0477" on page 62 for wireless approvals.
- 22. Only available with output codes A 4–20mA HART, F FOUNDATION Fieldbus, and W PROFIBUS PA. Also only available with G¹/2 housing thread types.
- 23. Nonincendive certification not provided with Wireless output option code (X).
- 24. Not available with Alloy C-276 isolator (code 3), tantalum isolator (code 5), all cast C-276 flanges, all plated carbon steel (CS) flanges, all DIN flanges, als Evel flanges, assemble-to manifolds (codes S5 and S6), assemble-to seals (codes S1 and S2), assemble-to primary elements (codes S3 and S4), surface finish certification (code Q16), and remote seal system report (code QZ).
- 25. Only available with product certifications E7, E8, I1, I7, IA, K7, K8, KD, N1, N7
- 26. Not available with FOUNDATION Fieldbus (output code F), wireless (output code X), or low power (output code M).
- 27. Contact an Emerson representative for availability.
- 28. Only available with HART 4–20 mA Output (output code A) and Wireless Output (output code X)
- 29. The T1 option is not needed with FISCO Product Certifications; transient protection is included in the FISCO product certification codes IA, IB, and IE.
- 30. Not valid with Alternate Process Connection options S3, S4, S5, and S6.
- 31. Transmitter is shipped with a 316 SST conduit plug (uninstalled) in place of standard CS conduit plug.
- 32. Not available with alternate process connection; DIN flanges and level flanges.
- 33. The V5 option is not needed with the T1 option; external ground screw assembly is included with the T1 option.
- 34. NACE compliant wetted materials are identified by Footnote 8.
- 35. Only available on pressure ranges 1–5, with silicone sensor fill fluid and SST or C-276 isolating diaphragms.