

Ordering information

Specification and selection of product materials, options, or components must be made by the purchaser of the equipment. See [page 7](#) for more information on material selection.

Table 1. Rosemount 2090P Pulp and Paper Pressure Transmitter Ordering Information

★ The Standard offering represents the most common options. The starred options (★) should be selected for best delivery.
The Expanded offering is manufactured after receipt of order and is subject to additional delivery lead time.

Model	Product description			
2090P	Pulp and Paper Pressure Transmitter			
Transmitter type				
A	Absolute			★
G	Gage			★
Pressure ranges (range/minimum span)				
	Rosemount 2090PG	Rosemount 2090PA		
1	-14.7 to 30 psi/1.5 psi (-1,01 to 2,1 bar/103 mbar)	0 to 30 psia/1.5 psi (0 to 2,1 bar/103 mbar)	★	
2	-14.7 to 150 psi/7.5 psi (-1,01 to 10,3 bar/517 mbar)	0 to 150 psia/7.5 psi (0 to 10,3 bar/517 mbar)	★	
3	-14.7 to 300 psi/40 psi (-1.01 to 20,7 bar/2,8 bar)	0 to 300 psia/40 psi (0 to 20,7 bar/2,8 bar)	★	
Output				
S	4–20 mA dc/digital HART Protocol			
Material of construction				
	Process connection	Isolating diaphragm	Oil fill	
22	316L SST	316L SST	Silicone	★
Process connection				
A	1½-in. threaded, no weld spud, 1½-in. PTFE gasket			★
C	1½-in. threaded, 316L SST weld spud with stress isolation and PTFE gasket			★
D	1-in. flush mount			★
G	1-in. flush mount with weld-on nipple			★
Conduit entry				
1	½–14 NPT			★
2	M20 × 1.5 female			★

Options (include with selected model number)

Extended product warranty				
WR3	3-year limited warranty			★
WR5	5-year limited warranty			★
Digital display				
M5	LCD display			★
Mounting brackets				
B4	SST mounting bracket with SST bolts			★

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Product certifications		
E5	USA Explosionproof (XP) and Dust-Ignitionproof (DIP)	★
ED	ATEX Flameproof	★
EM	Technical Regulations Customs Union (EAC) Flameproof	★
I5	USA Intrinsic Safety (IS) and Nonincendive (NI)	★
K5	USA Explosionproof (XP), Dust-Ignitionproof (DIP), Intrinsic Safety (IS), and Nonincendive (NI)	★
I1	ATEX Intrinsic Safety	★
N1	ATEX Type n	★
C6	Canada Explosionproof, Intrinsic Safety, Division 2, and Dust-Ignitionproof	★
KB	USA Explosionproof, Dust-Ignitionproof, Intrinsic Safety, Nonincendive and Canada Explosionproof, Intrinsic Safety, Division 2, and Dust-Ignitionproof	★
KM	Technical Regulation Customs Union (EAC) Flameproof and Intrinsic Safety	★
KH	ATEX Flameproof, Intrinsic Safety, USA Explosionproof, Dust-Ignitionproof, Intrinsic Safety, and Nonincendive	★
ND	ATEX Dust	★
NK	IECEx Dust	★
K7	IECEx Flameproof, Dust, Intrinsic Safety, Type n	★
K1	ATEX Flameproof, Dust, Intrinsic Safety, Type n	★
K6	Canada Explosion-Proof, Intrinsic Safety, Division 2, Dust-ignitionproof and ATEX Flameproof, Intrinsic Safety	★
I3	China Intrinsic Safety	★
IM	Technical Regulation Customs Union (EAC) Intrinsic Safety	★
E3	China Flameproof	★
Terminal blocks		
T1	Transient protection	★
Special certificate		
Q4	Calibration certificate	★
Quality calibration certificate traceability certification		
Q8	Material traceability certification per EN 10204 3.1	★
Alarm limit		
C4	NAMUR alarm and saturation levels, high alarm	★
CN	NAMUR alarm and saturation levels, low alarm	★
Wetted O-ring material		
W2	Buna-N	★
W3	Ethylene-Propylene	★
Special procedures		
P2	Cleaning for special service	
Calibration accuracy		
P8	0.1% accuracy to 10:1 turndown	★
Typical model number: 2090P G 2 S 22 A 1		