

## 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			
<b>Transmitter type</b>				
A	Absolute			★
G	Gage			★
<b>Pressure ranges (range/minimum span)</b>				
	<b>Rosemount 2090PG</b>	<b>Rosemount 2090PA</b>		
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)		★
<b>Output</b>				
S	4–20 mA dc/digital HART Protocol			
<b>Material of construction</b>				
	<b>Process connection</b>	<b>Isolating diaphragm</b>	<b>Oil fill</b>	
22	316L SST	316L SST	Silicone	★
<b>Process connection</b>				
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			★
<b>Conduit entry</b>				
1	½–14 NPT			★
2	M20 × 1.5 female			★

### Options (include with selected model number)

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

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<b>Product certifications</b>		
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	★
<b>Terminal blocks</b>		
T1	Transient protection	★
<b>Special certificate</b>		
Q4	Calibration certificate	★
<b>Quality calibration certificate traceability certification</b>		
Q8	Material traceability certification per EN 10204 3.1	★
<b>Alarm limit</b>		
C4	NAMUR alarm and saturation levels, high alarm	★
CN	NAMUR alarm and saturation levels, low alarm	★
<b>Wetted O-ring material</b>		
W2	Buna-N	★
W3	Ethylene-Propylene	★
<b>Special procedures</b>		
P2	Cleaning for special service	
<b>Calibration accuracy</b>		
P8	0.1% accuracy to 10:1 turndown	★
<b>Typical model number: 2090P G 2 S 22 A 1</b>		