

# ProMinent® Identcodes Solenoid Diaphragm Metering Pumps

## gamma/ X Identcode Ordering System

GMXa	Gamma/ X																
Version	Capacity					Version	Capacity					Version	Capacity				
1602	0.61 gph (2.3 l/h), 232 psi (16 bar)					0220	5.2 gph (19.7 l/h), 29 psi (2 bar)					0424	6.34 gph (24 l/h), 58 psi (4 bar)				
1604	0.95 gph (3.6 l/h), 232 psi (16 bar)					2504	1.0 gph (3.8 l/h), 363 psi (25 bar)					0245	11.9 gph (45 l/h), 29 psi (2 bar)				
0708	2.0 gph (7.6 l/h), 102 psi (7 bar)					1009	2.38 gph (9.0 l/h), 145 psi (10 bar)										
0414	3.56 gph (13.5 l/h), 58 psi (4 bar)					0715	3.8 gph (14.5 l/h), 102 psi (7 bar)										
Liquid end material:																	
NP		Clear acrylic /PVDF, for self-degassing version Clear acrylic / PVC															
PP		Polypropylene															
PV		PVDF/PVDF															
SS		Stainless Steel															
TT		PTFE Carbon-loaded															
O-rings:																	
B		FKM-B/PTFE (PP and NP, self-bleeding design)															
E		EPDM/PTFE (PP and NP, self-bleeding design)															
T		PTFE/PTFE															
S		Diaphragm additionally with FKM coating for siliceous media, FKM-B seals on PP and NP, PTFE on TT, PV and SS															
Liquid end version:																	
0		Non-bleed version, no valve spring only with NP, TT and SS and type 0245															
1		Non-bleed version, with valve spring only with NP, TT and SS and type 0245															
2		Bleed function, no valve springs only with PP, PV, NP not for type 0245															
3		Bleed function, with valve springs only with PP, PV, NP not for type 0245															
4		Version for highly viscous media only with PV, types 1604, 0708, 0414, 2504, 1009, 0715, 0424															
7		Auto degassing without bypass, only with PV, not for versions 2504 and 0245															
9		self-degassing with bypass (SEK), only with PP/NP, not for types 2504 and 0245															
Hydraulic connections:																	
6		Standard (SS/TT)															
M		1/4" x 3/16"															
N		3/8" x 1/4"															
O		1/2" x 1/4" for 2504 only															
Q		1/2" x 3/8"															
Diaphragm rupture indicator:																	
0		Without diaphragm rupture indicator															
1		With diaphragm rupture indicator, optical sensor															
Version:																	
0		Standard															
Logo:																	
0		Standard, with logo															
Electrical Connection:																	
U		100-230 V, ±10 %, 50/60 Hz															
Cable and plug with 6ft (2m) power cord, single phase:																	
A		European plug															
D		N. American plug, 115 V															
Relay, pre-set to:																	
0		Without relay															
1		1 x changeover contact 230 V – 2 A, fault indicating relay N/C															
4		2 x N/O 24 V – 100 mA, such as 1 + pacing relay															
C		1 x N/O 24 V – 100 mA, such as 1 + 4 – 20 mA output															
F		Auto degassing module (not available for version 2504 )															
G		Auto degassing module + fault relay (not available for version 2504), comes with panel															
Accessories:																	
0		Not included (for PVDF, TT, SS)															
1		With foot and injection valve, 5 ft PVC suction tubing, 10 ft PE discharge tubing															
Control Variants:																	
0		Manual + external 1:1 with pulse control															
3		Manual + external with pulse control + analogue 0/4 - 20 mA															
5		Options 3 + 4 week process timer															
C		Options 3 + CANopen															
R		Options 3 + PROFIBUS® DP interface, M12															
Note: no relay with PROFIBUS® version "R"																	
Metering Monitor:																	
0		Pulse signal input															
Bluetooth connection:																	
0		Not included															
B		Included															
Language:																	
EN		Standard															
GMXa	1601	PP	E	1	M	0	0	0	U	D	1	0	0	0	0	0	EN