

# METER SELECTION GUIDE



Model No.	iSeries	LDPF63000	DPF301	DPF60	LVCN-301	DPF401	DPF701	DPF53	DPF940000	DPF9100
Starting Price	\$150	\$515	\$227	\$289	\$2300	\$395	\$260	\$145	\$148	\$211
Page Number	M-35	M-33	M-29	M-21	<a href="http://omega.com/lvcn300">omega.com/lvcn300</a>	M-11	M-5	M-9	M-15	M-17
<b>Inputs</b>										
No. of Inputs	1	2	1	1	1	1	1	1	1	1
Sinewave		✓				✓	✓			✓
Squarewave		✓				✓	✓		✓	✓
Current and Voltage Inputs	✓		✓	✓	✓	✓		✓		
Temperature Sensors	✓									
<b>Display</b>										
Resolution	0.1, 1		0.001, 0.01, 0.1, 1	0.01, 0.1, 1	0.01, 0.1, 1	0.01, 0.1, 1	0.01, 0.1, 1	0.001, 0.01, 1		0.001 to 1
No. of Digits	4	5.8	4½, 8	6	4	6	6	3½	6	6
Display Height mm (in)	10.2 (0.4) 21 (0.83)	38 (1.5)	8.89 (0.35)	14 (0.55)		13.7 (0.54)	14.2 (0.56)	14.2 (0.56)	7.62 (0.30)	
Panel Cutout (DIN)	½, ⅓, ¼, ⅛	10 x 4.75"	3.06" Dia.	⅛	16.75 x 10.25"	⅛	⅛	⅛	⅛	⅛
Wall Mount			✓							
NEMA	4X	4	4X	4X				4X	4X	4X
<b>Features</b>										
Totalization		✓	✓	✓		✓	✓		✓	✓
Rate Indication	✓	✓	✓	✓	✓	✓	✓	✓		✓
Math Function										
Linearization			✓							✓
Square Root Function			✓	✓						
<b>Power</b>										
110 Vac	✓	✓		✓	✓	✓	✓	✓	✓	✓
230 Vac	✓	✓		✓		✓	✓	✓	✓	✓
DC option	✓			✓	✓			✓	✓	
Battery Option										
Loop Powered			✓							
Sensor Excitation						✓	✓	✓	✓	✓
<b>Outputs</b>										
Analog Output	✓	✓		✓		✓	✓			✓
Relay Contact Rating	3A	3A		5A	10A	7A	5A		5A	5A
<b>Communications</b>										
RS232	✓	✓		✓		✓	✓			✓
RS485	✓	✓				✓			✓	✓
RS422				✓						
Ethernet	✓	✓								
Explosion Proof			✓							



Model No.	DPF5100	DPF6100	DPF708/808	DPC10	DPF76	DPF82	DPF11	DPF-310	FC-21	DP-F31
Starting Price	\$380	\$380	\$209	\$136	\$238	\$368	\$366	\$604	\$764	\$620
Page Number	M-6	M-7	M-13	M-31	M-22	M-19	M-23	M-25	M-27	M-24
<b>Inputs</b>										
No. of Inputs	1 or 2	1 or 2	1	1	1 or 2	1 or 2	1	1	3	1
Sinewave	✓	✓	✓	✓	✓	✓	✓		✓	✓
Squarewave	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Current and Voltage Inputs	✓	✓	✓					✓	✓	✓
Temperature Sensors			✓						✓	
<b>Display</b>										
Resolution	0.01, 0.1 1	0.01, 0.1 1		0.0001 0.001, 0.01 0.1, 1°	0.01, 0.1 1	0.01, 0.1 1	0.01, 0.1 1		2-20 Alpha.	0.001 0.01 0.1, 1
No. of Digits	6	6	4	8	6	6	5	8	6/13	8
Display Height mm (in)	14.2 (0.56)	14.2 (0.56)		14.2 (0.56)	14 (0.55)	14 (0.55)	14 (0.55)		7.6 (0.3)	14 (0.55)
Panel Cutout (DIN)	1/8	1/8	1/8, 1/4	1.3 x 2.7"	1/8	1/8	1/8	2.5 x 7.375"	2.7 x 5.4"	2.49 x 7.36"
Wall Mount									✓	
NEMA				4X	4X	4X	4X	4X	4X	4X
<b>Features</b>										
Totalization	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rate Indication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Math Function					✓	✓	✓			
Linearization								✓	✓	✓
Square Root Function									✓	✓
<b>Power</b>										
110 Vac	✓	✓	✓		✓	✓	✓	✓	✓	✓
230 Vac	✓	✓	✓		✓	✓	✓	✓	✓	✓
DC option	✓	✓	✓			✓			✓	✓
Battery Option				✓						
<b>Loop Powered</b>										
Sensor Excitation	✓	✓			✓	✓	✓	✓	✓	✓
<b>Outputs</b>										
Analog Output	✓	✓			✓	✓	✓	✓	✓	✓
Relay Contact Rating	8A	8A			5A	5A	5A		5A	10A
<b>Communications</b>										
RS232	✓	✓			✓		✓		✓	✓
RS485									✓	
RS422					✓		✓			✓
Ethernet										
Explosion Proof									✓	



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### • Flow and Level

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### • pH and Conductivity

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### • Heaters

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