

Strip Chart Recorders



Features	DPR100A Pen	DPR100B Multipoint	DPR100C Pen
Chart Size / Screen Size	100mm (4.0 in)	100mm (4.0 in)	100mm (4.0 in)
Number of Inputs	Up to 3	3 or 6	Up to 3
Input Signal Type	Thermocouple, RTD, 4 mA to 20 mA, mV, V	Thermocouple, RTD, 4 mA to 20 mA, mV, V	Thermocouple, RTD, 4 mA to 20 mA, mV, V, Custom Curve
Scan Rate	330 ms minimum	5 sec	160ms to 330 ms
Chart Speed/Display rate	10 mm/hr to 6000 mm/hr (0.4 in/hr to 240 in/hr)	10 mm/hr to 1500 mm/hr (0.4 in/hr to 60 in/hr)	1 mm/hr to 6000 mm/hr (0.04 in/hr to 240 in/hr)
Accuracy	0.25% typical	0.25% typical	0.10% typical
Display	Scales	Scales	VFD
Alarms	Up to 6	Up to 6	Up to 12
Digital Inputs	2	2	4
Auxiliary Output	None	None	2
Transmitter Power	yes	Yes	Yes
Totalizer (s)	No	No	Yes
Math Functions	No	No	Yes
Communications	No	No	RS22/485 ASCII/Modbus
Data Storage	No	No	No
Front Face Protection Rating	IP54	IP54	IP54
Product Configuration	PC	PC	PC or Keypad
Cade Size (W x H x D)	144mm x 144 mm x 245 mm (5.7 in x 5.7 in x 9.6 in)	144 mm x 144 mm x 245 mm (5.7 in x 5.7 in x 9.6 in)	144 mm x 144 mm x 245 mm (5.7 in x 5.7 in x 9.6 in)
Cutout Size (W x H)	130 mm x 138 mm (5.4 in x 5.4 in)	138 mm x 138 mm (5.4 in x 5.4 in)	138 mm x 138 mm (5.4 in x 5.4 in)
Instrument Power	100 Vac to 240 Vac, 24/48 Vac optional	101 Vac to 240 Vac, 24/48 Vac optional	102 Vac to 240 Vac, 24/48 Vac optional
Approval	CE CSA, UL	CE, CSA, UL	CE, CSA, UL
Recorder Type	Strip Chart		
Control Output	None		
Loops of Control	None		
Chart Type	Preprinted gridlines/Recorder generated documentation		
Chart Documentation and Messages	yes		
Setpoint Program	No		
Profiles / Segments	No		
Portable Case	yes		
Avallability	Global		

Strip Chart Recorders



Features	DPR100D Multipoint	DPR180 Multipoint	DPR250 Multipoint
Chart Size / Screen Size	100mm (4.0 in)	180mm (7.1 in)	254mm (10.0 in)
Number of Inputs	3 or 6	Up to 24	Up to 64
Input Signal Type	Thermocouple, RTD, 4 mA to 20 mA, mV, V, Custom Curve	Thermocouple, RTD, 4 mA to 20 mA, mV, V, Custom Curve	Thermocouple, RTD, 4 mA to 20 mA, mV, V, Custom Curve
Scan Rate	330ms/640 ms	1 sec for 20 Inputs	1 sec for 20 Inputs
Chart Speed/Display rate	1 mm/hr to 1500 mm/hr (0.04 in/hr to 60 in/hr)	1 mm/hr to 5000 mm/hr (0.04 in/hr to 200 in/hr)	1 mm/hr to 5000 mm/hr (0.04 in/hr to 200 in/hr)
Accuracy	0.10% typical	0.05% typical	0.05% typical
Display	VFD	VFD	VFD
Alarms	Up to 12	Up to 36	Up to 48
Digital Inputs	4	36	48
Auxiliary Output	2	8	8
Transmitter Power	Yes	No	No
Totalizer (s)	Yes	Yes	Yes
Math Functions	Yes	Yes	Yes
Communications	RS422/485 ASCII/Modbus	RS-485 ASCII/Modbus; Ethernet Modbus	RS/485 ASCII/Modbus;Ethernet Modbus
Data Storage	No	Yes	Yes
Front Face Protection Rating	IP54	IP55	IP55
Product Configuration	PC or Keypad	PC or Keypad	PC or Keypad
Cade Size (W x Hx D)	144 mm x 144 mm x 245 mm (5.7 in x 5.7 in x 9.6 in)	317 mm x 310 mm x 320 mm (12.50 in x 12.21 in x 12.60)	387 mm x 310 mm x 320 mm (15.24 in x 12.21 in x 12.6 in)
Cutout Size (W x H)	138 mm x 138 mm (5.4 in x 5.4 in)	278 mm x 278 mm (10.9 in x 10.9 in)	348 mm x 278 mm (13.7 in x 10.9in)
Tnstrument Power	103 Vac to 240 Vac, 24/48 Vac optional	100 Vac to 230 Vac, 24 Vac optional	101 Vac to 230 Vac, 24 Vac Optional
Approval	CE, CSA,UL	CE, CSA/NRTL/c	CE, CSA/NRTL/c
Recorder Type	Strip Chart		
Control Output	None		
Loops of Control	None		
Chart Type	Preprinted gridlInes/Recorder generated documentation		
Chart Documentation and Messages	yes		
Setpoint Program	No		
Profiles / Segments	No		
Portable Case	yes		
Avallability	Global		

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