

## Series DR4500A Digital Circular Chart Recorders

## Model Selection Guide with Price Data

Model Selection Guide  
44-45-16-07 Issue 39

Honeywell Proprietary

### Instructions

- Select the desired Key Number. The arrow to the right marks the selection available.
- Make one selection each from Tables I through VI, using the column below the proper arrow. A dot (•) denotes unrestricted availability. A letter denotes restricted availability.

List Price equals  
the sum of prices for  
all selections made.

Key Number      I      II      III      IV      V      VI

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

KEY NUMBER	Selection	Availability							U.S.\$
1 Pen - Classic	DR45A1	↓							1,430
2 Pen - Classic	DR45A2		↓						1,850
Truline	DR45AT			↓					1,660
Truline - Relay Expansion	DR45AR				↓				1,690
Truline - Flow Recorder	DR45AW					↓			1,690
Truline - HTST	DR45AH						↓		3,500
Truline - Pasteurization Recorder - Flow	DR45AP							↓	3,100
Truline - Safety Thermal Limit Recorder	DR45AS								2,580

TABLE I - INPUT

Channel 1	T/C, RTD, mV, 0-5 VDC, 4-20 mA, Radimatic 0-10 VDC	1 ___	•	•	•	c	•	•	•	•	0
		3 ___	•	•	•	c	•				35
Channel 2	None T/C, RTD, mV, 0-5 VDC, 4-20 mA, Radimatic T/C, RTD, mV, 0-5 VDC, 4-20 mA, Radimatic 0-10 VDC 0-10 VDC	_ 0 _	•		•	•	•		•	•	0
		_ 1 _		•				•			0
		_ 1 _			•	c	•		•	•	360
		_ 3 _		•							35
Channel 3	None T/C, RTD, mV, 0-5 VDC, 4-20 mA, Radimatic 0-10 VDC	_ 3 _			•	c	•				390
		__ 0 _	•	•	•	•	•	•	•	•	0
		__ 1 _			•	e	•	d	d	d	360
Channel 4	None T/C, RTD, mV, 0-5 IVDC, 4-20 mA, Radimatic 0-10 VDC	__ 3 _			•	e	•				390
		___ 0	•	•	•	•	•	•	•	•	0
		___ 1			•	g	•	f	f	f	360
		___ 3			•	g	•			390	

TABLE II - EXTERNAL OUTPUTS (Note 2)	Selection	Availability							U.S. \$	
		DR45A	1	2	T	R	W	H		P
None	0 _	•	•	•	•	•				0
Control Output #1	1 _	•	•							450
Control Output #1	1 _						h	h		0
Control Output #1	4 _			•	•					450
Pulse Output	5 _					•				450
None	_ 0	•	•	•	•	•	•	•	•	0
Control Output #2	_ 1		j					r		450
Control Output #2	_ 4			j	u					450

TABLE III - EXTERNAL INTERFACE AND PEN SELECTION

None	0 __	•	•	•	•	•	•	•	•	0
Auxiliary 4-20 mA Output	1 __	•	•	•	•	•	•	•	•	180
RS485 Modbus RTU Communications	3 __	•	•	•	•	•				250
RS485 Modbus RTU plus Auxiliary 4-20mA Output	4 __	•	•	•	•	•				380
Standard Pen (Classic) or Truline High Speed Pen	_ 0 _	•	•	•	•	•	•	•	•	0
Abrasion Resistant Pen on Truline	_ 1 _			k	k	k	k	k	k	45
None	__ 0	•	•	•	•	•	•	•		0
2 Alarms/2 Digital Inputs	__ 1	•	•	•	•	•			•	170
4 Alarms/2 Digital Inputs	__ 2				v					170
6 Alarms/2 Digital Inputs	__ 3				w					0
1 Alarm/1 Timer Output/2 Digital Inputs	__ 4	•	•	•	•	•				185

TABLE IV - SOFTWARE OPTIONS

None	0	•	•	•	•	•	•	•	•	0
Totalization (Input #1)	A	•	•	•	•	•				250
Totalization (Inputs #1 and #2)	E		•	•	•	•				440
Totalization (Inputs #1, #2, #3, and #4)	H					•				550
FO Sterilization Calculation	F				•					140
Math (Note 3)	B			•	•	•				145
Totalization (Input #1) Plus Math	K			•	•	•				360
Totalization (Inputs #1 and #2) Plus Math	L			•	•	•				550
Totalization (Inputs #1, #2, #3 and #4) Plus Math	M					•				660



## RESTRICTIONS

Restriction Letter	Available Only With		Not Available With	
	Table	Selection	Table	Selection
c				Not available with T/Cs B, N, R, W; but includes 200 ohm RTD Actuation
d	I	11 __, 31 __, 13 __, 33 __		
e	I	11 __, 31 __, 13 __, 33 __ Not available with T/Cs B, N, R, W; but includes 200 ohm RTD Actuation		
f	I	111 __, 113 __, 131 __, 133 __, 311 __, 313 __, 331 __, 333 __		
g	I	111 __, 113 __, 131 __, 133 __, 311 __, 313 __, 331 __, 333 __ Not available with T/Cs B, N, R, W; but includes 200 ohm RTD Actuation		
h		Available only with 4-20 mA control output		
j	I II	11 __, 31 __, 13 __, 33 __ 1 _ for Classic, 4 _ for Truline (DR45AT or DR45AR)		
k		Available only with chart rotations of 24 to 744 hours on Truline.		
m			V	2_____, 3_____ P_____, R_____, S_____
q		Not available with NEMA4 Door	V	P_____, R_____, S_____
r	I II	11 __, 31 __, 13 __, 33 __ 6 __, (1 __, for DR45AP Model) available only with 4-20 mA control output		
t		Not available with CE Mark Option	V	XXXXXX, XXXLXX, XXXMXX, XXXNXX
u	I II	11 __, 31 __, 13 __, 33 __ 1 _ for Classic, 4 _ for Truline (DR45AT or DR45AR) available only with 4 - 20 mA control output		
v	II	4 __, Alarms 1 - 4 Plus 4-20ma Control Output Supplied		
w	II	_ 4, Alarms 1 - 6 Plus 2nd 4-20ma Control Output Supplied		

**Note 1:** Calibration Test Reports/Certificates require specific Range and Input Actuation data from the customer. Form F3399 Supplemental Data must be completed. This can be downloaded from the Honeywell SalesNet site or the Global Technical Services site: <<http://content.honeywell.com/ipc/faq/>> FAX to York Customer Service at 717-771-8236.

**Note 2:** All control outputs come standard with Accutune II<sup>®</sup> tuning capability. Setpoint Programming capability is available on all models except DR45AH/AS/AP. Each Output Board to be used for control purposes requires an Analog Input be ordered to work properly.

**Note 3:** Math includes Summer, Multiple Divider with Square Root, Multiplier with Square Root, Multiplier Divider, Multiplier, Subtractor Multiplier, HiLo Select.

**Note 4:** Customer must supply completed "Configuration Worksheets" with order for units to be Factory Configured (York Customer Service FAX 717-771-8236)