

# Hydraulics

## Digital Valve Electronics

# More Comfort in

## A new family member

After the big market success of our first digital electronic modules PWD00A-400 and PCD00A-400 for proportional valves, Parker now presents 2 additional family series:

The new series PZD00A-400 is used for command signal conditioning with integrated functions like Min, Max and 6 commands. This unit, in combination with proportional valves with integrated electronics or with other Parker electronic cards, may be used as an accessory module. The new series PWDXXA-400 controls proportional directional valves with closed loop position feedback.

The appropriate operating software ProPxD with integrated valve data bank is free of charge. With this, the user can select the menu driven and user-friendly data for the corresponding valve and transmit to the electronic module via a standard null modem cable.

With only these 4 different Parker e-modules, all Parker proportional valves can be operated. The body technique of snap-on mounting rail (EN50022) makes cost-intensive card holders unnecessary and allows space saving, slender cabinets.

Parker electronic modules are the consistent, intelligent and efficient complement to Parker proportional valves.

## Ingeniously simple – Simply ingenious

- Exact digital reproducibility
- Free user software ProPxD
- Simplified set-up through ProPxD valve data base
- Snap-on design with standardised DIN rail – no card holder
- Low stock expenses – just 4 electronic modules for a variety of applications
- Extremely short delivery times
- World-wide availability



## Characteristic data

Ordering code	Digital command signals	Analogue command signals			Nominal current					Analogue outputs (12bit)			Feedback output ±10V	Status output	Referenc. output (+10V, -10V)	MIN
		±10V	±20mA	4-20mA	0.8A	1.3A	1.8A	2.7A	3.5A	±10V	±20mA	4-20mA				
PWD00A-400	4	•	—	—	•	•	•	•	•	—	—	—	—	•	—	•
PCD00A-400	2+2	•	—	—	•	•	•	•	•	—	—	—	—	•	—	•
PWDXXA-400	—	•	•	•	—	—	—	•	—	—	—	—	•	•	—	•
PZD00A-400	6	•	•	•	—	—	—	—	—	•	•	•	—	•	•	•

# Valve Controls

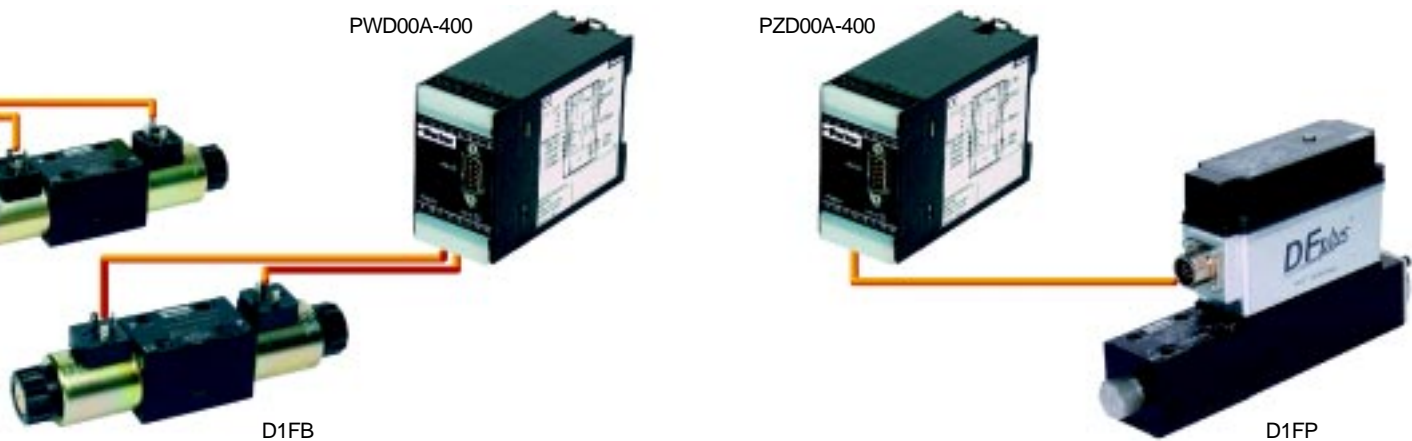
## Overview of the Parker electronic modules

- PWD00A-400** Electronics for prop. directional control valves without position control, 0.8 to 3.5 A
- PCD00A-400** Electronics for 2 prop. pressure or prop. throttle valves, 0.8 to 3.5 A
- PWDXXA-400** Electronics for prop. directional control valves with position control
- PZD00A-400** Electronics for additional functions, e.g. 6 command signals
- ProPxD** User software for the electronic modules above

## ProPxD software



With the free user software ProPxD, you can select the menu driven and user-friendly data for your specific valve and transmit to the electronic module via a standard null modem cable.



MAX	Ramps	Dither	Valve types	Prop. DC valves		Prop. press. & throttle valves		Ordering code
				without position control	with position control	without feedback	with feedback	
•	4	•	D1FB, D*FW, etc.	•	—	—	—	<b>PWD00A-400</b>
•	2+2	•	RE, TDA, VMY, VBY, DUR, etc.	—	—	•	—	<b>PCD00A-400</b>
•	4	•	D1FC, D*1FS, etc.	—	•	—	•	<b>PWDXXA-400</b>
•	4	—	D1FP, D*FH, D*FT, etc.	valves with integrated electronics				<b>PZD00A-400</b>



anything   
Possible.

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