



Hydraulics

Digital Valve Electronics

Ingeniously Simple — Simply Ingenious

Just 5 electronic modules are sufficient to operate the entire range of proportional directional, pressure and throttle valves from Parker Hannifin.

In addition to the amplifier function, the compact module family P*D covers the position, pressure and velocity controls of proportional valves with or without integrated electronics and electrical position feedback.

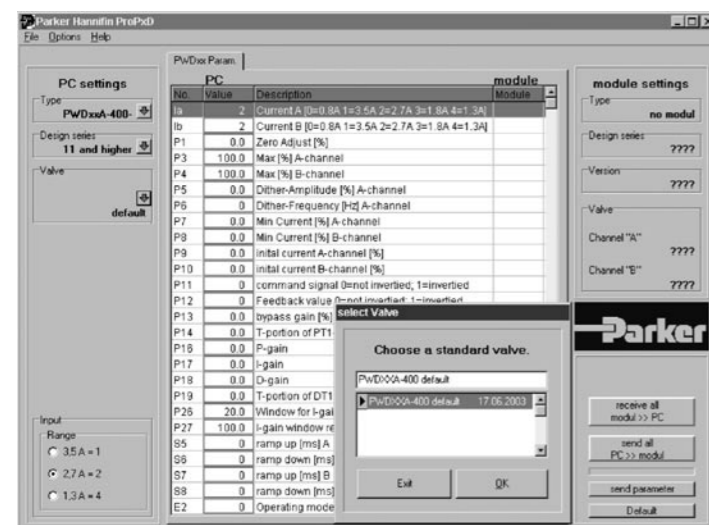
This makes Parker electronic modules the reliable, intelligent and efficient solution of choice.

Technical features

- Control of all directional, pressure and flow valves
- Open- and closed-loop applications
- Database of all Parker/Denison proportional valves
- Full access to all parameters
- Diagnostic functions
- Snap-on DIN rail design - no card holder

Easy configuration

The free user software ProPxD gives full access to all 5 digital modules. The valve database offers easy selection of module and valve via drop-down menus. All parameters can be changed, saved and duplicated. An integrated basic oscilloscope allows parameter optimisation.

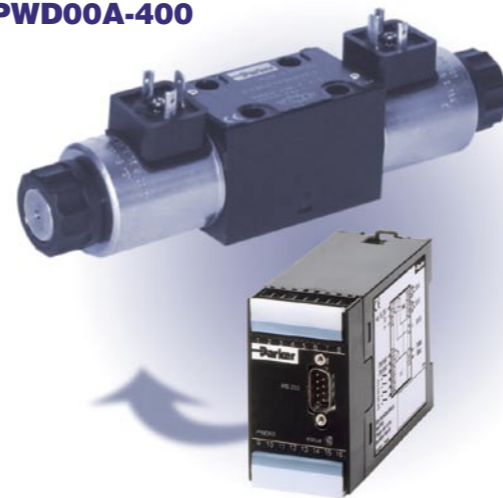


Visit www.parker.com/euro_hcd.

Under "Services" ► "Downloads" ProPxD software is available as freeware.

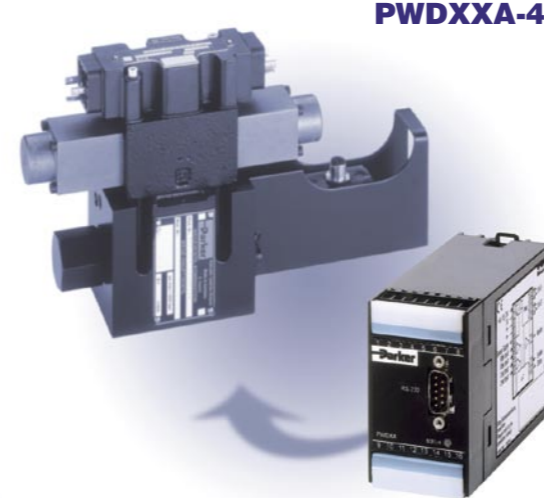
Parker all-rounders: E-modules for all valve types

PWD00A-400



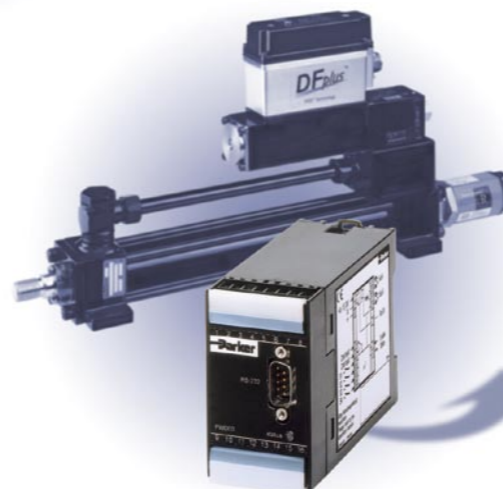
Proportional directional control valves without electrical position feedback

PWDXXA-400



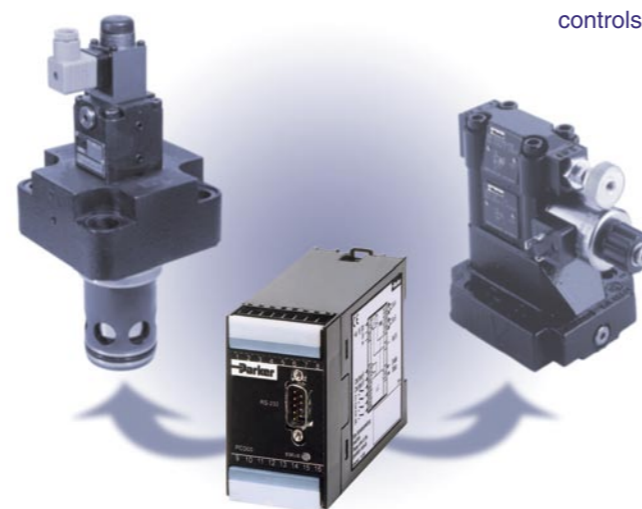
Proportional valves with position feedback or closed-loop systems

PID00A-400



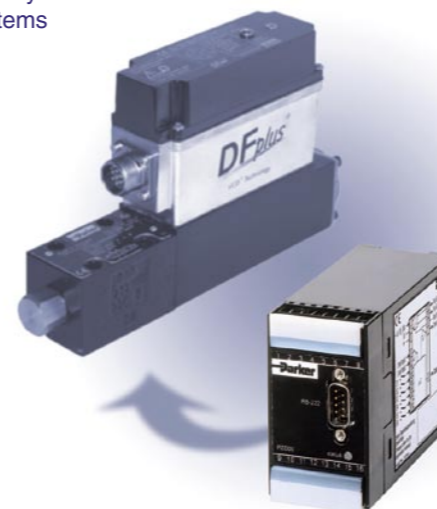
Position, pressure and velocity controls in closed-loop systems

PCD00A-400



Up to 2 proportional pressure or throttle valves without electrical position feedback

PZD00A-400



Electronics for additional functions, e.g. 6 command signals

Characteristics

Ordering Code	PWD00A-400	PCD00A-400	PWDXXA-400	PZD00A-400	PID00A-400
Digital command signals	4	2+2	–	6	–
Analogue command signals	±10V	±10V	±10V ±20mA 4...20mA	±10V ±20mA 4...20mA	±10V ±20mA 4...20mA
Nominal current	0.8 - 3.5A	0.8 - 3.5A	1.3 - 3.5A	–	–
Analogue outputs (12bit)	–	–	–	±10V ±20mA 4...20mA	±10V ±20mA 4...20mA
Monitor output	–	–	–	–	±10V
Status output	•	•	•	•	•
Reference output (+10V, -10V)	–	–	–	•	•
Ramps	4	2+2	4	4	4
Dither	•	•	•	–	–
Linearisation	–	–	optional	optional	optional
Proportional DC valves	without position control	–	with position control	Accessory module	Valves with integrated electronics
Proportional pressure & throttle valves	–	without feedback	with and without feedback		

More functionality

Individual settings thanks to full data access
Optimal processing through fine-tuning

Lower costs

Less installation effort thanks to fast, easy set-up
Less downtime through elimination of extra wiring
Smaller inventory with a mere of 5 e-modules for all valves
Short delivery times, no warehousing



Your contact: valveshcd@parker.com



Hydraulics Group Sales Offices

Europe

Austria
Wiener Neustadt
Tel: +43 (0)2622 23501
Fax: +43 (0)2622 66212

Austria
Wiener Neustadt
(Resp for East Europe)
Tel: +43 (0)2622 23501-970
Fax: +43 (0)2622 23501-977

Belgium
Nivelles
Tel: +32 (0)67 280 900
Fax: +32 (0)67 280 999

Czech Republic
Klecany
Tel: +420 284 083 111
Fax: +420 284 083 112

Denmark
Ballerup
Tel: +45 4356 0400
Fax: +45 4373 3107

Finland
Vantaa
Tel: +358 20 753 2500
Fax: +358 20 753 2200

France
Contamine-sur-Arve
Tel: +33 (0)450 25 80 25
Fax: +33 (0)450 25 24 25

Germany
Kaarst
Tel: +49 (0)2131 4016 0
Fax: +49 (0)2131 4016 9199

Ireland
Dublin
Tel: +353 (0)1 466 6370
Fax: +353 (0)1 466 6376

Italy
Corsico (MI)
Tel: +39 02 45 19 21
Fax: +39 02 4 47 93 40

The Netherlands
Oldenzaal
Tel: +31 (0)541 585000
Fax: +31 (0)541 585459

Norway
Ski
Tel: +47 64 91 10 00
Fax: +47 64 91 10 90

Poland
Warsaw
Tel: +48 (0)22 573 24 00
Fax: +48 (0)22 573 24 03

Portugal
Leca da Palmeira
Tel: +351 22 9997 360
Fax: +351 22 9961 527

Slovakia
Ref. Czech Republic

Spain
Madrid
Tel: +34 91 675 73 00
Fax: +34 91 675 77 11

Sweden
Spånga
Tel: +46 (0)8 597 950 00
Fax: +46 (0)8 597 951 10

United Kingdom
Warwick
Tel: +44 (0)1926 317 878
Fax: +44 (0)1926 317 855

International

Australia
Castle Hill
Tel: +61 (0)2-9634 7777
Fax: +61 (0)2-9842 5111

Canada
Milton, Ontario
Tel: +1 905-693-3000
Fax: +1 905-876-0788

China
Shanghai
Tel: +86 21 5031 2525
Fax: +86 21 5834 3714

Asia Pacific Group
Hong Kong
Tel: +852 2428 8008
Fax: +852 2425 6896

India
Mumbai
Tel: +91 22 5613 7081/82-85
Fax: +91 22 2768 6841/6618

Japan
Tokyo
Tel: +(81) 3 6408 3900
Fax: +(81) 3 5449 7201

Latin America Group
Brazil
Tel: +55 51 3470 9144
Fax: +55 51 3470 9281

South Africa
Kempton Park
Tel: +27 (0)11-961 0700
Fax: +27 (0)11-392 7213

USA
Cleveland (industrial)
Tel: +1 216-896-3000
Fax: +1 216-896-4031
Lincolnshire (mobile)
Tel: +1 847-821-1500
Fax: +1 847-821-7600

Parker Hannifin is the world's premier supplier of motion and control systems and solutions, with sales and manufacturing facilities throughout the world. For product information and details of your nearest Parker sales office, visit us at www.parker.com or call free on 00800 2727 5374.



Bulletin HY11-3282/UK
03/07

© Copyright 2007
Parker Hannifin Corporation
All rights reserved.