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PCL4 Remote Control

Hydraulic Proportional Remote Control Valve



ENGINEERING YOUR SUCCESS.

Catalogue layout

This catalogue has been designed to give an overview of the PCL4 series of valves and to make it easy for you to study and choose from the different valve functions available, so that we may customize your valve in accordance with your wishes. General information and technical data is given first, followed by descriptions of the various options that can be specified and, finally, by dimensional drawings for the respective valves.

Each function is given as a subheading, e.g. **Levers**, followed by a brief description. This is followed by a series of alphanumeric codes, e.g. **H1, H2, E4**, together with a brief description of what each code represents.

How to order your valve

The next step is to complete our so-called “Customer Specification Form”, which enables detailed specification of the optional functions and port-specific control-pressure characteristics you wish to be incorporated into your valve. However, if you require only a simple, basic valve, in which all control-pressure ports have the same configuration, you can specify your valve by determining an ordering code in accordance with the information given on page 5. It is simply a matter of entering the codes for the desired options into the boxes in the ordering code, as shown in the example.

For assistance in configuring your valve, completing the Customer Specification Form or determining the ordering code, please do not hesitate to contact your nearest Parker representative.

The information in your Customer Specification Form will be entered into our computerized valve specification program, which generates a unique ID number that will be stamped into the data plate on your valve. (If you order your valve by means of an ordering code, the code will be stamped into the data plate on your valve.) Your valve specifications will then be stored on our database to facilitate accurate identification of the product in the event of re-ordering or service-related questions.

Early consultation with Parker saves time and money

Our experienced applications engineers have in-depth knowledge of different hydraulic systems and the ways in which they work. They are at your disposal to offer expert advice on the desired combination of functions, control characteristics and economic demands.

By consulting Parker early in the project planning stage, you are assured of a comprehensive hydraulic system that gives your machine the best possible operating and control performance.

Conversion factors

1 kg	= 2.2046 lb
1 N	= 0.22481 lbf
1 bar	= 14.504 psi
1 l	= 0.21997 UK gallon
1 l	= 0.26417 US gallon
1 cm ³	= 0.061024 in ³
1 m	= 3.2808 feet
1 mm	= 0.03937 in
9/5 °C + 32	= °F

Subject to alteration without prior notice. The diagrams in the catalogue show typical curves only. While the contents of the catalogue are updated continuously, the validity of the information given should always be confirmed. Technical information in the catalogue is applicable at an oil viscosity of 30 mm²/s and temperature of 50 °C. For more detailed information, please contact Parker.



WARNING – USER RESPONSIBILITY

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

Offer of Sale

Please contact your Parker representation for a detailed “Offer of Sale”.