



DXN6_B

6-port flow control valves changeover

Product features

U_v: AC 24 Volt (DC 24 Volt on request)
Y₁: 0 - 10 Vdc
Flow range: 0 - 2.500 l/h
MODBUS RTU and BACnet MSTP (RS485)
Ultrasonic flow measurement
Integrated ΔT measurement (option)

Types

MP MultiProtocol communication MODBUS RTU, BACnet MSTP and Bluetooth®

Type	Series	DN	Flow rate at 5kPa	Flow rate at 10kPa	Flow rate at 20kPa
DXN6C15B	121601	G½"	310 l/h	440 l/h	625 l/h

Type	Series	DN	Flow rate at 5kPa	Flow rate at 10kPa	Flow rate at 20kPa
DXN6C15B	121621	G½"	310 l/h	440 l/h	625 l/h
DXN6C15B00	121601	G½"	310 l/h	440 l/h	625 l/h
DXN6P25B	121601	G1"	555 l/h	790 l/h	1.115 l/h
DXN6P25B	121621	G1"	555 l/h	790 l/h	1.115 l/h
DXN6P25B00	121601	G1"	555 l/h	790 l/h	1.115 l/h

Bluetooth® Mesh communication

Type	Series	DN	Flow rate at 5kPa	Flow rate at 10kPa	Flow rate at 20kPa
DXN6C15B00	122601	G½"	310 l/h	440 l/h	625 l/h
DXN6P25B00	122601	G1"	555 l/h	790 l/h	1.125 l/h

Specifications

dynamx™ series control valves

dxOne for change-over

Number of connections

6-port control valve

Mounting (flat couplings ISO228/1)

C series: H15: 40 mm (compact version)

P series: H25: 60 mm

DN sizes

DN15 (G½"), DN25 (G1")

Flow range

0 - 2.500 l/h

Medium temperature

5 - 90 °C

Connection type

Threaded connection

Hydraulic design

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Electronic pressure-independent control valve (E-PICV)

Design flow rate

V_{max} cooling and V_{max} heating

Measuring principle

Calibrated ultrasonic flow measurement

Supply voltage

AC/DC 24 V (DC 24 V on request)

Version

Standard version (90°)

I/O

2x Ai, 1x Ao, 3x Di

Control signal

0 – 10 Vdc or digital

User interface

Integrated Bluetooth® communication or Bluetooth® Mesh network

Bus communication RS485 (NI)

MODBUS RTU and BACnet MSTP (adjustable)

ΔT measurement (option)

Integrated ΔT measurement ($T_{am1} + T_{am2/sub>}$)

Electrical connection

1m PVC cable, 7x 0.5mm²

Commissioning App

dxLink21™ via Bluetooth® on Android and iOS

Options

Integrated room control (IRC)

ΔT measurement and energy registration for cooling and heating

Interested in or have questions about DXN6_B?

Our experts can support you with the application of this product in your project or installation.

Contact experts+32 (0)16 29 93 00