DXMBP • dxModular flow + Δp control valves, 2-way

- Power supply U_V : AC 24 Volt ±10%, 50 Hz
- Control signal Y_1 : 0..10 Vdc or via MODBUS
- T° sensor(s) : with T_1 and T_2 medium temperature sensor(s)
- System connection : DN15..DN50 threaded connections PN16
- Medium : water, +2°C..+100°C
- Communication : MODBUS RTU/MSTP (RS485)
- User interface : LCD display with navigation pad
- Δp_{range} : 0..1 bar (optional: 0..2 bar)

TYPE				DN	V_{10}	V_{max}	Δp_s	Sensors flow	Sensors Δp	Sensors T_1	Sensors T_2	Δp_{range}	Lc
					[l/h]	[l/h]	[kPa]					[bar]	[m]
DXMBP2D015A.11421 ▲	-	●	●	15	1.202	3.800	240	●	●	●	●	0..1	2
DXMBP2D020A.11421 ▲	-	●	●	20	1.802	5.700	240	●	●	●	●	0..1	2
DXMBP2D025A.11421 ▲	-	●	●	25	2.530	8.000	240	●	●	●	●	0..1	2
DXMBP2D032A.11421 ▲	-	●	●	32	3.257	10.300	240	●	●	●	●	0..1	2
DXMBP2D040A.11421 ▲	-	●	●	40	6.704	21.200	240	●	●	●	●	0..1	2
DXMBP2D050A.11421 ▲	-	●	●	50	8.949	28.300	240	●	●	●	●	0..1	2

Options

DXMBP2____A.__0__	without MODBUS RTU/MSTP (RS485) communication interface
DXMBP2____A.3____	without LCD display
DXMBP2____A.___1_	with only one medium temperature sensor (T_1)
DXMBP2____A.___0_ ▲	without T_1 and T_2 medium temperature sensors

For information on the selection and sizing, see page 20 and 21.

remote energy monitoring
V_{10} flow range at 10kPa
V_{max} flow range (0..V_{max})
Δp_s maximum close-off pressure
T_1 sensor Nr.1 for medium T° measurement
T_2 sensor Nr.2 for medium T° measurement
Δp_{range} measuring range differential pressure
Lc length of the main cable
▲ standard

datasheet

DXUP • dxUltima flow + Δp control valves, 2-way

- Power supply U_V : AC 24 Volt ±10%, 50 Hz
- Control signal Y_1 : 0..10 Vdc or via MODBUS
- T° sensor(s) : with T_1 and T_2 medium temperature sensor(s)
- System connection : DN50..DN150 flanged connections PN16, according EN 1092
- Medium : water, +2°C..+100°C
- Communication : MODBUS RTU/MSTP (RS485)
- User interface : LCD display with navigation pad
- Δp_{range} : 0..1 bar (optional: 0..2 bar)

TYPE				DN	V_{max}	V_{10}	Δp_s	Sensors flow	Sensors Δp	Sensors T_1	Sensors T_2	Δp_{range}	Lc
					[l/h]	[l/h]	[kPa]					[bar]	[m]
DXUP2F050A.11421 ▲	●	-	●	50	28.300	8.949	150	●	●	●	●	0..1	2
DXUP2F050A.12421	●	-	●	50	28.300	8.949	350	●	●	●	●	0..1	2
DXUP2F065A.11421 ▲	●	-	●	65	53.600	16.950	100	●	●	●	●	0..1	2
DXUP2F065A.12421	●	-	●	65	53.600	16.950	350	●	●	●	●	0..1	2
DXUP2F080A.11421 ▲	●	-	●	80	87.300	27.607	230	●	●	●	●	0..1	2
DXUP2F080A.12421	●	-	●	80	87.300	27.607	350	●	●	●	●	0..1	2
DXUP2F100A.11421 ▲	●	-	●	100	147.000	46.485	140	●	●	●	●	0..1	5
DXUP2F100A.12421	●	-	●	100	147.000	46.485	500	●	●	●	●	0..1	5
DXUP2F125A.11421 ▲	●	-	●	125	196.100	62.012	160	●	●	●	●	0..1	5
DXUP2F125A.12421	●	-	●	125	196.100	62.012	370	●	●	●	●	0..1	5
DXUP2F150A.11421 ▲	●	-	●	150	301.900	95.469	120	●	●	●	●	0..1	5
DXUP2F150A.12421	●	-	●	150	301.900	95.469	270	●	●	●	●	0..1	5

Options

DXUP2____A.__0__	without MODBUS RTU/MSTP (RS485) communication interface
DXUP2____A.3____	without LCD display
DXUP2____A.___1_	with only one medium temperature sensor (T_1)
DXUP2____A.___0_ ▲	without T_1 and T_2 medium temperature sensors

For information on the selection and sizing, see page 20 and 21.

- remote energy monitoring
- **V_{10}** flow range at 10kPa
- **V_{max}** flow range (0..V_{max})
- **Δp_s** maximum close-off pressure
- **T_1** sensor Nr.1 for medium T° measurement
- **T_2** sensor Nr.2 for medium T° measurement
- **Δp_{range}** measuring range differential pressure
- **Lc** length of the main cable
- ▲ standard

datasheet