

DXU3 • dxUltima flow control valves, 3-way

DXU3

- Power supply U_v : AC 24 Volt $\pm 10\%$, 50 Hz
- Control signal Y_1 : 0..10 Vdc or via MODBUS
- T° sensor(s) : with T₁ and/or T₂ medium temperature sensor(s)
- System connection : DN50..DN150 flanged connections PN16, according EN 1092
- Medium : water, +2°C..+130°C
- Communication : MODBUS RTU/MSTP (RS485)
- User interface : LCD display with navigation pad
- Accessories : on page 22

TYPE				DN	V_{10}	V_{max}	Δp_s	Sensors				Lc	
								flow	Δp	T ₁	T ₂		
					[l/h]	[l/h]	[kPa]					[m]	
DXU3F050A.11421	▲	-	●	●	50	8.949	28.300	150	●	-	●	●	2
DXU3F050A.12421		-	●	●	50	8.949	28.300	350	●	-	●	●	2
DXU3F065A.11421	▲	-	●	●	65	16.950	53.600	100	●	-	●	●	2
DXU3F065A.12421		-	●	●	65	16.950	53.600	350	●	-	●	●	2
DXU3F080A.11421	▲	-	●	●	80	27.607	87.300	230	●	-	●	●	2
DXU3F080A.12421		-	●	●	80	27.607	87.300	350	●	-	●	●	2
DXU3F100A.11421	▲	-	●	●	100	46.485	147.000	140	●	-	●	●	5
DXU3F100A.12421		-	●	●	100	46.485	147.000	500	●	-	●	●	5
DXU3F125A.11421	▲	-	●	●	125	62.012	196.100	160	●	-	●	●	5
DXU3F125A.12421		-	●	●	125	62.012	196.100	370	●	-	●	●	5
DXU3F150A.11421	▲	-	●	●	150	95.469	301.900	120	●	-	●	●	5
DXU3F150A.12421		-	●	●	150	95.469	301.900	270	●	-	●	●	5

Options

DXU3__A__0__	without MODBUS RTU/MSTP (RS485) communication interface
DXU3__A.3__	without LCD display
DXU3__A__1__	with only one medium temperature sensor (T ₁)
DXU3__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

- T₁ sensor Nr.1 for medium T° measurement
- T₂ sensor Nr.2 for medium T° measurement
- Lc length of the main cable
- ▲ standard

datasheet



DXU2 • dxUltima flow control valves, 2-way

DXU2

- Power supply U_v : AC 24 Volt $\pm 10\%$, 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, $+2^\circ\text{C}..+130^\circ\text{C}$
- Communication : MODBUS RTU/MSTP (RS485)
- User interface : LCD display with navigation pad
- Accessories : on page 22



TYPE				DN	V_{10}	V_{max}	Δp_s	Sensors				Lc	
								flow	Δp	T_1	T_2		
					[l/h]	[l/h]	[kPa]					[m]	
DXU2F050A.11421	▲	●	-	●	50	8.949	28.300	150	●	-	●	●	2
DXU2F050A.12421		●	-	●	50	8.949	28.300	350	●	-	●	●	2
DXU2F065A.11421	▲	●	-	●	65	16.950	53.600	100	●	-	●	●	2
DXU2F065A.12421		●	-	●	65	16.950	53.600	350	●	-	●	●	2
DXU2F080A.11421	▲	●	-	●	80	27.607	87.300	230	●	-	●	●	2
DXU2F080A.12421		●	-	●	80	27.607	87.300	350	●	-	●	●	2
DXU2F100A.11421	▲	●	-	●	100	46.485	147.000	140	●	-	●	●	5
DXU2F100A.12421		●	-	●	100	46.485	147.000	500	●	-	●	●	5
DXU2F125A.11421	▲	●	-	●	125	62.012	196.100	160	●	-	●	●	5
DXU2F125A.12421		●	-	●	125	62.012	196.100	370	●	-	●	●	5
DXU2F150A.11421	▲	●	-	●	150	95.469	301.900	120	●	-	●	●	5
DXU2F150A.12421		●	-	●	150	95.469	301.900	270	●	-	●	●	5

Options

DXU2___A___0_	without MODBUS RTU/MSTP (RS485) communication interface
DXU2___A.3_	without LCD display
DXU2___A___1_	with only one medium temperature sensor (T_1)
DXU2___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
- Lc length of the main cable
- ▲ standard

datasheet

