

UNI D2P

FIRŠT ELECTRIC ACTUATORS

for 3-way rotary diverting valves



2-POINT CONTROL	1 / 0	STOP AT END POSITIONS
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CLIP SYSTEM

QUICK FIT SYSTEM

EURONORM AXLE SYSTEM



FIRŠT actuators, series UNI, are 2-point actuators designed for operating 3-way rotary diverting valves (DN 15 - DN 40).

- The FIRŠT UNI D2P actuators have not defined (ND) direction of rotation (90° rotating angle).
- Actuators are available with cable connection and are recommended for diverting applications.

OPERATION

UNI D2P is an electric motor actuator designed for operating 3-way rotary diverting valves. Actuators are controlled by 2-point SPST signal built-in relay module. FIRŠT UNI D2P actuators allow high regulating accuracy and easy installation with different mounting systems.

Actuators are available in 230 VAC or 24 V AC 50 Hz and are supplied with a 1m attached connection cable. Actuator can be manually operated with button on the cover.

Actuators UNI D2P (16s/90°) are recommended for diverting applications with FDV 230 valves, FDV 230C valves from (DN15 - DN32) and FDV G231 (DN20 - DN40).

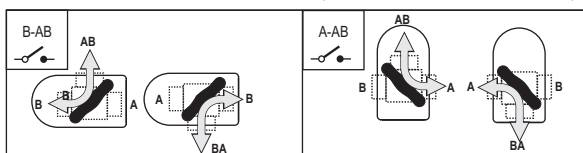
Anti blocking function provides that in case of blockade the motor changes its direction. Because of that feature, the motor is able to save itself from stopping.

MAINTENANCE

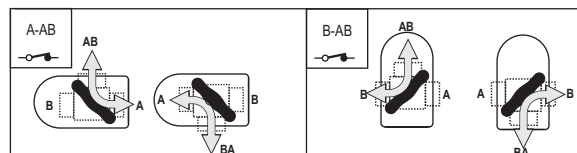
Actuator requires no maintenance. The installation of suitable strainer is recommended.

INSTALLATION POSITION

Actuator can be rotated on the valve body to fit different installation layouts and flow directions A-AB, B-AB, AB-A and AB-B.



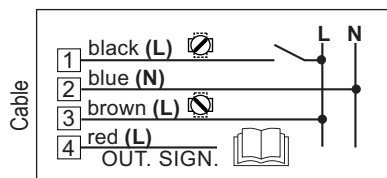
B-AB and A-AB installation layout.



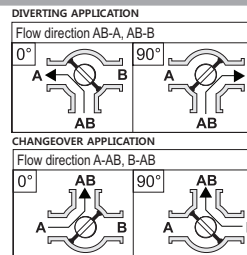
A-AB and B-AB installation layout.

ELECTRICAL CONNECTION

2P-control SPST. Output signal at end position (B-AB).



APPLICATION



SUITABLE VALVES

FDV 230



FDV 230C



FDV G-231



In accordance with PED, LVD, RoHS2, EMC



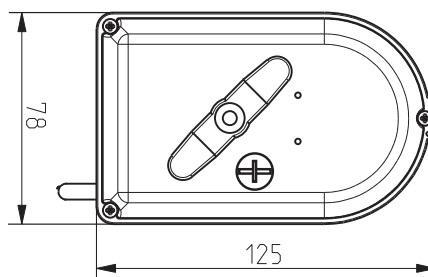
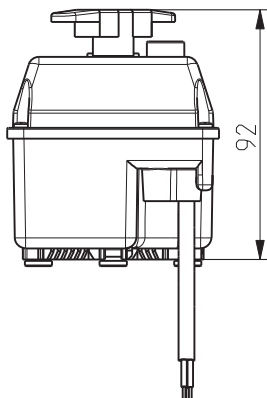
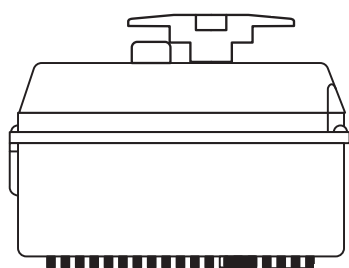
FIRŠT d.o.o.
Koroška cesta 56
SI-3320 Velenje
SLOVENIA

phone: +386 3 898 35 00
fax: +386 3 898 35 35
email: info@first.si
web: www.first.si

www.first.si
Let First be your first choice.



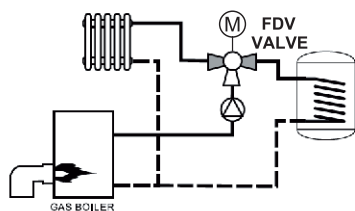
UNI D2P



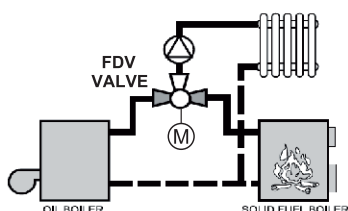
UNI D2P, for 3-way rotary diverting valves.

Code	Type	Voltage	Rotation time	Control signal	Connection	Max. torque [Nm]	Weight [kg]	Price (€)
12505	UNI D2P 10160	230 VAC 50 Hz	16s/90°	2-point SPST	Cable	7	0,48	
12510	UNI D2P 10163	24 VAC 50 Hz	16s/90°	2-point SPST	Cable	6	0,48	

Installation examples



Diverting application



Changeover application

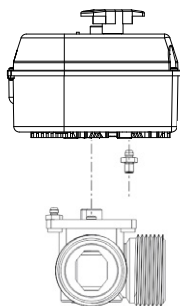
Features and options

- **Power supply:** 230V 50Hz or 24V 50Hz.
- **Output signal (L):** at end position.

Adapter kits

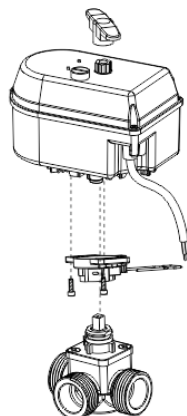
Adapter kit, for Quick fit system

Code	Type
20060	Adapter set Quick fit system



Adapter kit, for Clip system

Code	Type
58043	Adapter set Clip-Mix



Adapter kit, for Euronorm axle system

Code	Type
58034	Adapter set Euronorm

