

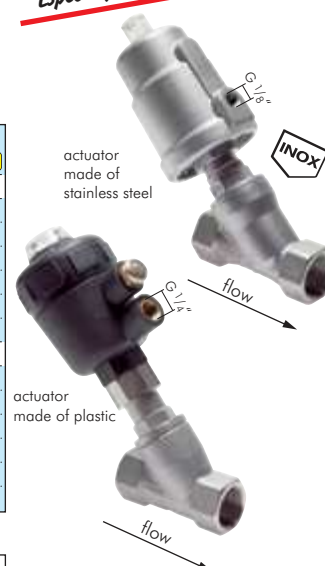
2/2-way valves with pneumatic actuation

Materials: Body: AISI 316, seals: PTFE/FKM
Temperature range: -10°C to max. +60°C
Media: Compressed air, neutral gases, water, oils, weak acids and alkalis
Switching position: Zero position closed (NC)
Flow direction: Closing with media flow (not recommended for liquids with high flow velocity)

Eco-Line

Especially good value!

Type	Thread	DN	Working pressure	Control pressure	Length	KV value	Type repair sets
Actuator made of stainless steel AISI 316							
U 212 ES2A E	G 1/2"	13	0 - 16 bar	3 - 10 bar	74	78 l/min	U 212 ES2A E REP
U 234 ES2A E	G 3/4"	18	0 - 16 bar	4 - 10 bar	84	158 l/min	U 234 ES2A E REP
U 210 ES2A E	G 1"	24	0 - 16 bar	5.5 - 10 bar	100	301 l/min	U 210 ES2A E REP
U 2114 ES2A E	G 1 1/4"	31	0 - 16 bar	5 - 10 bar	112	385 l/min	U 2114 ES2A E REP
U 2112 ES2A E	G 1 1/2"	35	0 - 16 bar	6 - 10 bar	126	548 l/min	U 2112 ES2A E REP
U 220 ES2A E	G 2"	45	0 - 10 bar	6.5 - 10 bar	146	880 l/min	U 220 ES2A E REP
Actuator made of plastic							
U 212 ESK E	G 1/2"	13	0 - 16 bar	6 - 8 bar	70	78 l/min	U 212 ESK E REP
U 234 ESK E	G 3/4"	18	0 - 16 bar	6 - 8 bar	76	158 l/min	U 234 ESK E REP
U 210 ESK E	G 1"	24	0 - 13 bar	6 - 8 bar	90	301 l/min	U 210 ESK E REP
U 2114 ESK E	G 1 1/4"	30	0 - 16 bar	6 - 8 bar	116	366 l/min	U 2114 ESK E REP
U 2112 ESK E	G 1 1/2"	35	0 - 13 bar	6 - 8 bar	116	548 l/min	U 2112 ESK E REP
U 220 ESK E	G 2"	45	0 - 8 bar	6 - 8 bar	138	880 l/min	U 220 ESK E REP



2/2-way valves with pneumatic actuation

Materials: Type brass: Valve body: Red bronze (2 1/2" to 3": brass), seat sealing: PTFE, spindle seal: NBR, control cylinder: Brass/aluminium, spindle: Stainless steel, seals: NBR
Type AISI 316: Valve body: AISI 316, valve internal parts: AISI 304, seat and spindle seal: PTFE, control cylinder: Brass nickel-plated/aluminium, spindle: Stainless steel, seals: FKM

Temperature range: -20°C to max. +85°C (type AISI 316: -40°C to max. +200°C)

Control pressure: 4 to 10 bar (6 bar optimal), control connection: G 1/8"

Flow direction: Closing with media flow (not recommended for liquids with high flow velocity).

If necessary, use the -GS option to close against the media flow

Optional: PTFE spindle seal (up to 200°C) -PTFE², design closes against the medium stream (for use with liquids), please ask about working pressures -GS, control cylinder made of stainless steel AISI 316 with FKM seals -2A³

Type brass	Operating pressure	Type AISI 316	Operating pressure	Thread	Type repair sets
Zero position closed					
U 212 MS	0 - 16 bar	U 212 ES	0 - 25 bar	G 1/2"	U 212 * REP
U 234 MS	0 - 16 bar	U 234 ES	0 - 20 bar	G 3/4"	U 234 * REP
U 210 MS	0 - 16 bar	U 210 ES	0 - 16 bar	G 1"	U 210 * REP
U 2114 MS ¹⁾	0 - 16 bar	U 2114 ES	0 - 9 bar	G 1 1/4"	U 2114 * REP
U 2114-10 MS REP	0 - 10 bar	---	---	G 1 1/4"	U 2114-10 MS REP
---	---	U 2114-25 ES ¹⁾	0 - 25 bar	G 1 1/4"	U 2114-25 ES REP
U 2112 MS ¹⁾	0 - 16 bar	U 2112 ES	0 - 7 bar	G 1 1/2"	U 2112 * REP
U 2112-8 MS REP	0 - 8 bar	---	---	G 1 1/2"	U 2112-8 MS REP
---	---	U 2112-20 ES ¹⁾	0 - 20 bar	G 1 1/2"	U 2112-20 ES REP
U 220 MS ¹⁾	0 - 16 bar	---	---	G 2"	U 220 MS REP
U 220-4 MS REP	0 - 4 bar	U 220 ES	0 - 4 bar	G 2"	U 220 * REP
---	---	U 220-12 ES ¹⁾	0 - 12 bar	G 2"	U 220-12 ES REP
---	---	U 220-20 ES ^{1),3)}	0 - 20 bar	G 2"	U 220-20 ES REP
U 2212-6 MS ¹⁾	0 - 6 bar	---	---	G 2 1/2"	U 2212-6 MS REP
U 2212-10 MS ^{1),3)}	0 - 10 bar	---	---	G 2 1/2"	U 2212-10 MS REP
U 230-4 MS ¹⁾	0 - 4 bar	---	---	G 3"	U 230-4 MS REP
U 230-10 MS ^{1),3)}	0 - 10 bar	---	---	G 3"	U 230-10 MS REP
Zero position open					
UO 212 MS	0 - 16 bar	UO 212 ES	0 - 25 bar	G 1/2"	UO 212 * REP
UO 234 MS	0 - 16 bar	UO 234 ES	0 - 20 bar	G 3/4"	UO 234 * REP
UO 210 MS	0 - 16 bar	UO 210 ES	0 - 16 bar	G 1"	UO 210 * REP
UO 2114 MS ¹⁾	0 - 16 bar	UO 2114 ES	0 - 9 bar	G 1 1/4"	UO 2114 * REP
---	---	UO 2114-25 ES ¹⁾	0 - 25 bar	G 1 1/4"	UO 2114-25 ES REP
UO 2112 MS ¹⁾	0 - 16 bar	UO 2112 ES	0 - 7 bar	G 1 1/2"	UO 2112 * REP
---	---	UO 2112-20 ES ¹⁾	0 - 20 bar	G 1 1/2"	UO 2112-20 ES REP
UO 220 MS ¹⁾	0 - 11 bar	UO 220 ES	0 - 4 bar	G 2"	UO 220 * REP
---	---	UO 220-12 ES ¹⁾	0 - 12 bar	G 2"	UO 220-12 ES REP
---	---	UO 220-20 ES ^{1),3)}	0 - 20 bar	G 2"	UO 220-20 ES REP
UO 2212-6 MS ¹⁾	0 - 6 bar	---	---	G 2 1/2"	UO 2212-6 MS REP
UO 2212-10 MS ^{1),3)}	0 - 10 bar	---	---	G 2 1/2"	UO 2212-10 MS REP
UO 230-4 MS ¹⁾	0 - 4 bar	---	---	G 3"	UO 230-4 MS REP
UO 230-10 MS ^{1),3)}	0 - 10 bar	---	---	G 3"	UO 230-10 MS REP

1) aluminium actuator, 2) only for valves made of red bronze or brass, 3) control connection: G 1/4"

* please enter the corresponding type of material: MS for brass, ES for stainless steel

Order example: U 212 **

Standard type

Designation for the options:

Spindle seal made of PTFE (up to 200°C)-PTFE²

Design closes against the medium stream (for use with liquids), please ask about working pressures-GS

Control cylinder made of stainless steel AISI 316 with FKM seals . . .-2A³

Dimensions can be found in the item details in our Online Shop



When ordering repair sets please notice the difference between stainless steel and red bronze or brass valves. The repair sets consists of complete valve disk, spindle, spring and all O-rings, groove rings and seals necessary for the valve.

