

Technical details

Temperature range	-10°C ... +70°C (-10°C...+60°C for use in ATEX areas)
Medium	Filtered, oil-free and dried compressed air according to ISO 8573-1:2010, Class 7:2:4, instrument air, free of aggressive additives. Differing the pressure dew point must be at least 10°C below lowest occurring ambient temperature.
Materials	Body: Al (anodized), seals: NBR and POM, inner parts: Al, stainless steel and brass
	Products without their own potential ignition source in accordance with Directive 2014/34/EU, suitable for use in hazardous areas.



This valve may be used either normally open or normally closed.

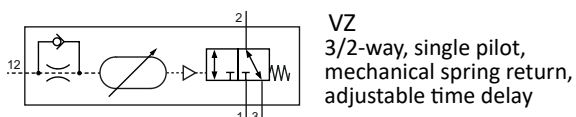
Normally closed: pressure inlet port 1 (P).

Normally open: pressure inlet port 3 (R).

A signal arriving at 12 (Z) switches the flow of the valve from 1 (P) to 2 (A) and closes port 3 (R) after the set time has expired.

Instead of supplying main pressure to either port 1 or 3, the branched signal line can be connected to 1 or 3. The signal line to port 1 or 3 must not be longer than the signal line to port 12.

3/2-way-valves

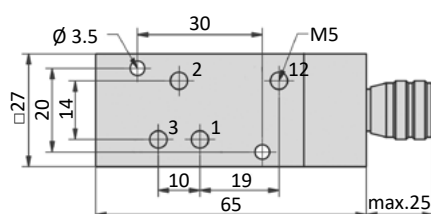


Technical data

Model-no.:	VZ-25-310	VZ-18-310	VZ-18-310-20
Connection	M5	G1/8	G1/8
Nominal size (mm)	3.2	6	6
Operating pressure (bar)	3 ... 10	3 ... 10	3 ... 10
Pilot pressure (bar)	3 ... 10	3 ... 10	3 ... 10
Time range (s)	0,25 ... 5	0,5 ... 10	1 ... 20
Flow rate (NI/min)	160	600	600
Weight (kg)	0.135	0.360	0.360

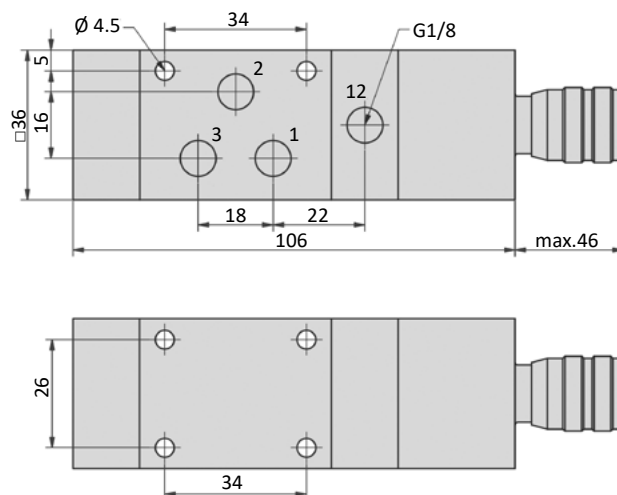
Dimensions

VZ-25-310



- 1 = pressure inlet
- 2 = outlet
- 3 = exhaust
- 12 = signal port

VZ-18-310, VZ-18-310-20





Valves

Function valvесе

Function valves

Explosion-proof equipment without inherent potential ignition sources

The valves **VZ-**, **SU-**, **AN-**, **OR-**, **SE-** do not fall into the scope of the EU Directive 2014/34/EC. They are not subjected by Article 1 (2) and (3) of Directive 2014/34/EC. It has been proven by an ignition risk analysis that the valves have no potential ignition source of their own. They can be used in compliance with the requirements of e.g. DIN EN 1127-1:2019, DIN EN IEC 60079-0:2019, DIN EN ISO 80079-36:2016 and DIN EN ISO 80079-37:2016 in

Zone 1 explosion groups IIA, IIB and IIC, Zone 21 explosion groups IIIA, IIIB and IIIC

Zone 2 explosion groups IIA, IIB and IIC, Zone 22 explosion groups IIIA, IIIB and IIIC

The valves are not marked within the meaning of the ATEX Directive. They have to meet the requirements of the existing zones.

Available valves

Series	Versions
SE	SE-12, SE-14, SE-18
SU	SU-18-310, SU-25-310
AN	AN-18, AN-25

Series	Versions
OR	OR-14-01, OR-18, OR-25
VZ	VZ-18-310, VZ-18-310-20, VZ-25-310