

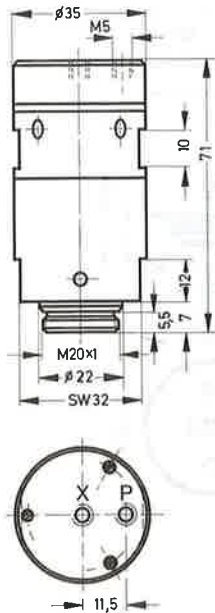
**Amplifier actuator
 Type VE-5**



These amplifier actuators are low-pressure actuated valve actuators. Their function corresponds to that of a 3/2-way pilot valve.

In the non-actuated state, a stem closes the servo or through-hole of the basic valve by spring force. As long as a signal is applied to port X, the stem is lifted and opens the valve.

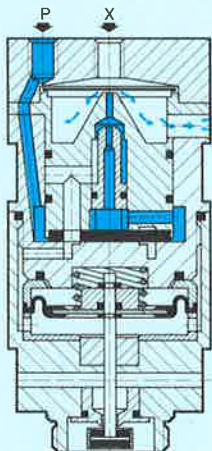
The amplifier has its own supply port via which auxiliary air with a pressure of 0.1 to 0.3 bar is supplied.



Mounting options:

The amplifier actuators can be mounted on the basic valves of Types CLC, CJC, LC, LCO and JLC (see section on basic valves) as well as on all solenoid valves with M20 x 1 connection thread in place of the solenoid actuator.

Exceptions: Types MC-2-1/8, MCH-3-1/8, MOCH-3-1/8, BMCH and MLC-8-3/8-B.



1 (P) = Supply port
 12 (X) = Pilot line

Order code	Part No./Type	3717 VE-5
Medium		Compressed air, filtered, non-lubricated
Design		Nozzle – diaphragm and poppet valve
Mounting		M20 x 1 thread
Connection		M5
Supply pressure range at P		0.1 to 0.3 bar
Max. pilot pressure at X		0.3 bar
Min. response pressure at X		≥ 0.5 mbar
Constant air consumption in non-actuated state		max. 3.3 l/min
Max. permissible operating pressure of basic valve		8 bar
Temperature range		- 10 to +60 °C
Materials		Housing: black anodized aluminium; Seals: perbunan
Weight		0.190 kg