

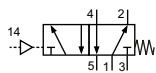
Technical details

Connection	PKX-09: G1/8 PKX-10: G1/4
Nominal size	PKX-09: 6 mm PKX-10: 9 mm
Temperature range	-30°C ... +80°C
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: stainless steel 1.4571, seals: FKM and PU, inner parts: stainless steel 1.4305
Protection	IP 65 according to EN 60529
	Valves in accordance with 2014/34/EU (ATEX) available (page 03)

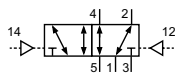


Pneumatically operated spool valve. The valve switches upon pressurization of the pilot port.

5/2-way-valves

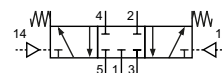


PKX-09-511
PKX-10-511
5/2-way, single pilot, mechanical spring return



PKX-09-520
PKX-10-520
5/2-way, double pilot

5/3-way-Ventil



PKX-10-530
5/3-way, center position closed

Technical data

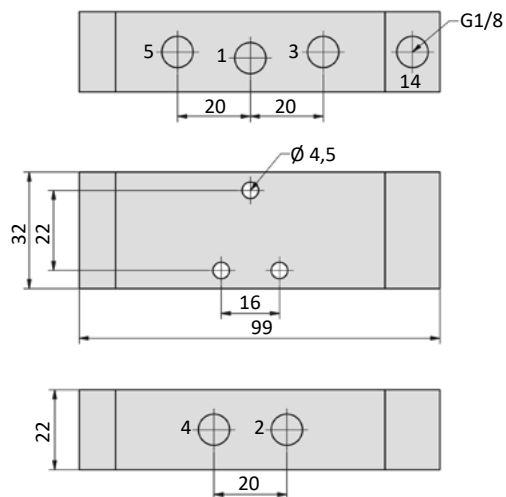
Model-no.:	PKX-09-511	PKX-09-520	PKX-10-511	PKX-10-520	PKX-10-530
Operating pressure (bar)	3 ... 8	3 ... 8	3 ... 8	3 ... 8	3 ... 8
Pilot pressure (bar)	3 ... 8	3 ... 8	3 ... 8	3 ... 8	3 ... 8
Flow rate (NI/min)	1080	1110	1980	1920	1770
Weight (kg)	0.450	0.460	1.120	1.170	1.160

Series PKX-09 and PKX-10

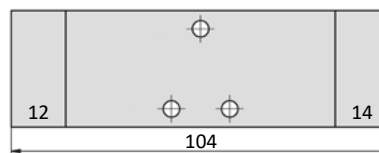


Dimensions

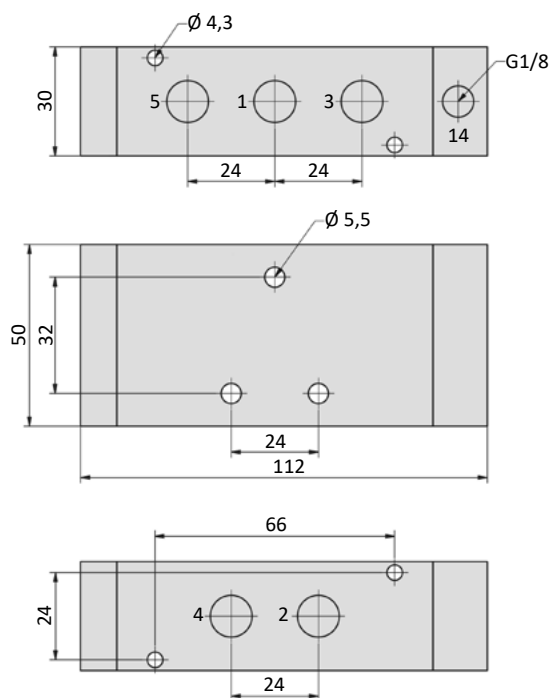
PKX-09-511



PKX-09-520



PKX-10-511



PKX-10-520, PKX-10-530



- 1 = pressure inlet
 - 2,4 = outlets
 - 3,5 = exhausts
 - 12,14 = pilot ports
- Pilot ports can be repositioned by 180°.



Pneumatically operated valves

Device marking

Pneumatically operated valves are marked as follows:



II 2G Ex h IIC T5 Gb
II 2D Ex h IIIC T100°C Db
-10°C T_{amb} +50°C

Marking according to DIN EN ISO 80079-36/ -37.

Pneumatically operated valves conform to Equipment category 2 and can be used in Zone 1 respectively Zone 21.

Available valves

Series	Versions
PKX-09	511, 520
PKX-10	511, 520, 530



The operating instructions for the valve and the electrical equipment must be taken into account before putting into operation. These are included with each valve and are available at www.airtec.de.