

## FLOWX Filter regulators FLXY-2, metal design

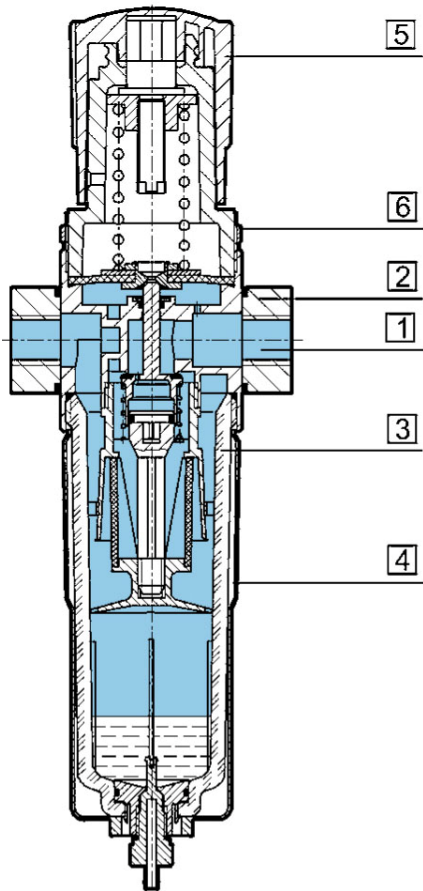


- Space-saving design with filter and regulator in a single unit
- Good particle separation and high flow rate
- Good regulating characteristics with minimal hysteresis
- Two pressure regulation ranges: 0.5 -7 bar and 0.5 -12 bar
- Two pressure gauge connectors for flexible installation
- With manual, semi-automatic or fully automatic condensate drain
- Setting values are secured by locking the rotary knob
- Choice of filter cartridges: 5  $\mu\text{m}$  or 40  $\mu\text{m}$
- Pressure sensor (optional)

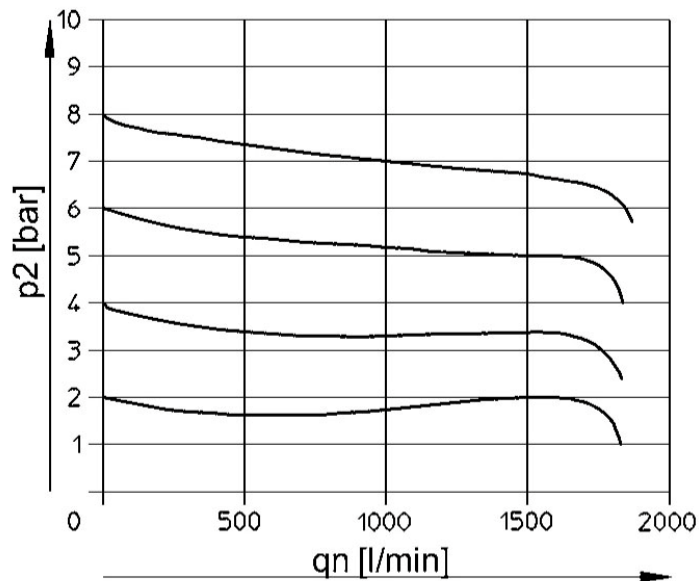
### FLXY-2 General technical data:

Pneumatic connection	G1/4	
Operating medium	Compressed air	
Design	Filter regulator with/without pressure gauge	
Type of mounting	Via accessories	
	In-line installation	
Assembly position	Vertical $\pm 5^\circ$	
Regulator lock	Rotary knob with detent	
Grade of filtration ( $\mu\text{m}$ )	5 or 40	
Max. hysteresis (bar)	0.2	
Pressure regulation range (bar)	0.5-7	
	0.5-12	
Pressure indication	Via pressure gauge	
Max. condensate volume ( $\text{cm}^3$ )	22	
Condensate drain	turned manually	1-16
	semi-automatic	1.5-16
	fully automatic	2-12

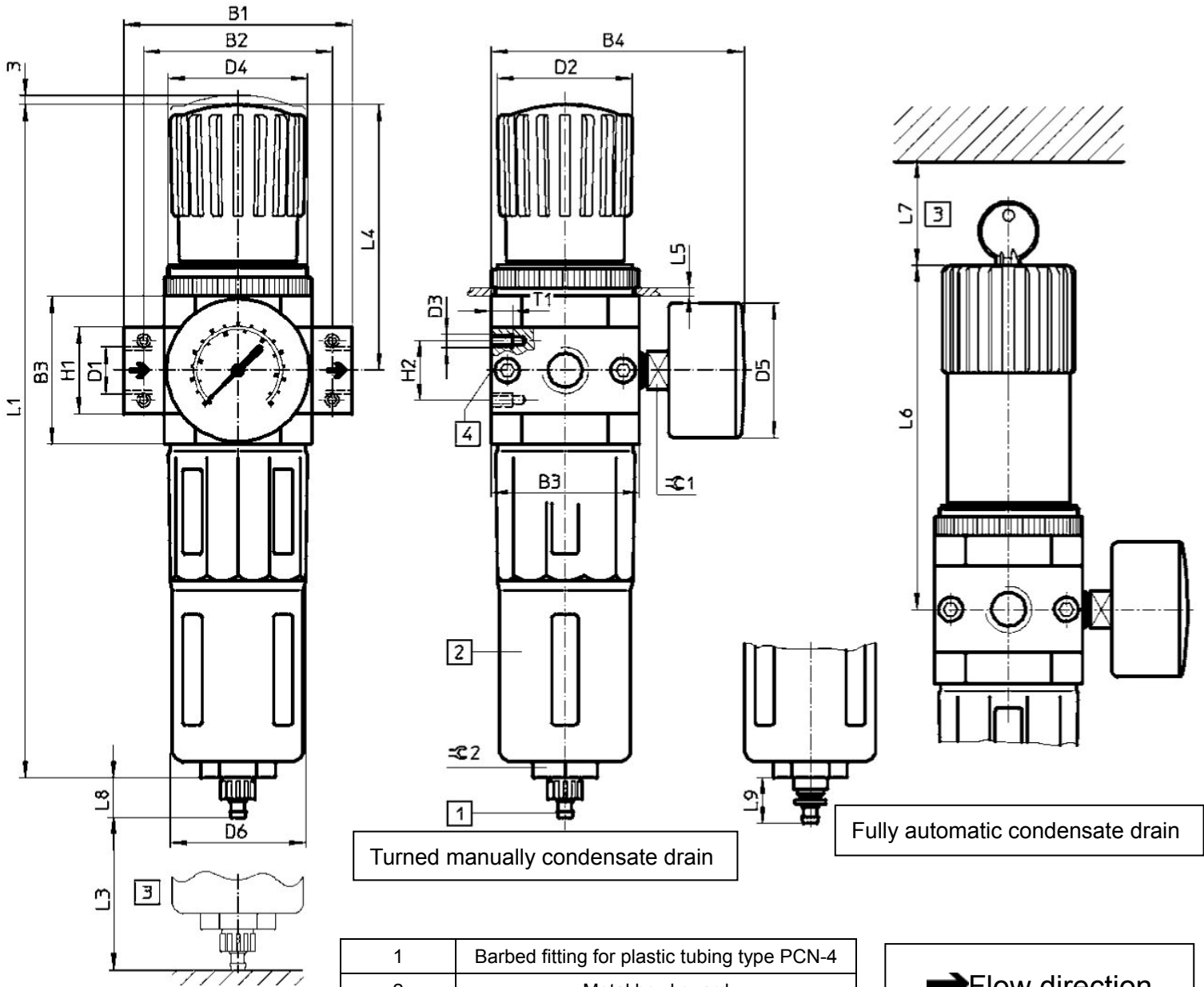
Note: This product conforms with the ISO 1179-1 standard and the ISO 228-1 standard

**FLXY-2 Materials/Sectional view**


1	Housing	Die-cast zinc
2	Connecting plates	Die-cast zinc/aluminium
3	Bowl	Polycarbonate
4	Metal bowl guard	Aluminium
5	Regulating knob	Polyacetal
6	Knurled nut	Aluminium
-	Seals	Nitrile rubber

**FLXY-2 Standard flow rate "qn" as a function of the output pressure p2**


Primary pressure  $p_1 = 10$  bar

**FLXY-2 Dimensions**


Turned manually condensate drain

Fully automatic condensate drain

→ Flow direction

1	Barbed fitting for plastic tubing type PCN-4
2	Metal bowl guard
3	Installation dimensions
4	Second pressure gauge connection

B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	H1	H2	L1	L3	L4	L5	L6	L7	L8	L9	T1	1	2
64	52	40	76	1/4	31	M4	M36*1.5	41	38	20	11	193	60	68	3	98	60	15	19	7	14	22