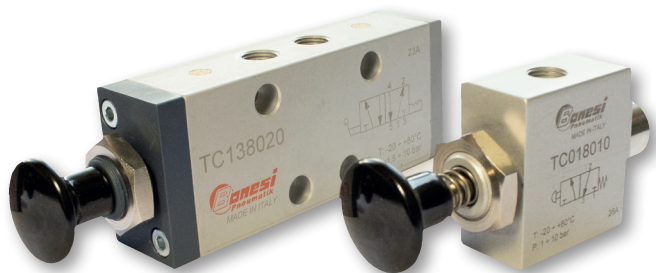


Manual push-pull valves with spool - TC Series

Connections: 1/8" - 1/4"

TC SERIES



- Spool valves
- High mechanical strength
- Anodised aluminium body
Thermoplastic polymer or anodised aluminium bases
- 3/2 - 5/2 manual operation
- ATEX 2014/34/EU certificates available

TECHNICAL FEATURES

Function	3/2 - 5/2	
Operation	Manual: Manual push-pull control - Monostable mechanical spring return, bistable	
Materials	Body and cover in anodised aluminium alloy, base in thermoplastic polymer (PBT), Internal components in steel - aluminium - brass - NBR gaskets	
Note on materials	Compliant with REACH (1907/2006/EC and subsequent amendments)	
Connections	Mini valve size A: 1/8" Gas Size A: 1/8" Gas (Available with 1/4" Gas connections)	
Threads	Cylindrical Gas (BSPP)	
Operating temperature	0°C ÷ 80°C (-20°C with dry air, to avoid ice formation)	
Operating pressure	0 ÷ 10 bar	
Air flow rate	See flow rate diagram p.3.6.05.2	
Connection	Mini Valve Size A - 1/8"	Size A - 1/8", 1/4"
Nominal diameter	5 mm	5 mm
Supply pressure	5 bar	460 NI/min
(with ΔP 1 bar)	6 bar	500 NI/min
	7 bar	540 NI/min
Fluid	Filtered air, lubrication-free, compliant with ISO 8573-1:2010 [7:4:4]	
Lubrication	Not required (if required in the pneumatic circuit, it must be continuous)	

ATEX CERTIFICATION

Valve marking	CE II 2G Ex h IIC T6 Gb (Zone 1 and Zone 2) CE II 2D Ex h IIIC 85°C Db (Zone 21 and Zone 22)
Operating pressure in ATEX environment	0.5 ÷ 10 bar
ATEX ambient temperature	-20°C ≤ Ta ≤ +60°C
CE marking	In compliance with Directive 2014/34/EU (see declaration of conformity)

