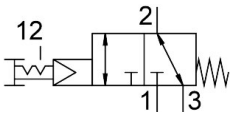
Pushbutton valve
VHEF-PTC-B32-N14

Part number: 5299725



Data sheet

Feature	Value
Valve function	3/2 bistable
Type of actuation	Manual
Construction width	20 mm
Standard nominal flow rate (standardised to DIN 1343)	870 l/min
pneumatic working port	1/4 NPT
Operating pressure	0.35 MPa...1 MPa 3.5 bar...10 bar
Design	Poppet seat
Nominal size	6 mm
Exhaust-air function	With flow control option
Instructions on use	Actuate manually only
Sealing principle	Soft
Mounting position	optional
Manual override	Detenting
Type of piloting	Pilot actuated
Pilot air supply	Internal
Flow direction	Reversible
lap	Zero overlap
Pilot pressure	0.35 MPa...1 MPa 3.5 bar...10 bar 50.75 psi...145 psi
Max. switching frequency	0.5 Hz
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C

Feature	Value
Actuating force	20 N
Unlocking force	25 N
Product weight	161 g
Type of mounting	Either: Front panel mounting With through-hole
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 2	1/4 NPT
Pneumatic connection, port 3	1/4 NPT
Note on materials	RoHS-compliant
Material cover	PA-reinforced
Material seals	NBR
Material housing	Anodised wrought aluminium alloy