

Pneumatic valve

VOGI-F100FS-T32H-M-F90

Part number: 8141660

FESTO



Data sheet

Feature	Value
Design	Sub-base valve Piloted piston poppet valve
Type of actuation	Pneumatic
Sealing principle	Soft
Mounting position	optional
Type of mounting	With accessories
Valve function	4/2-way, single solenoid Fail safe
Mode of operation	Double-acting
Operating pressure	0.33 MPa...0.8 MPa 3.3 bar...8 bar 47.85 psi...116 psi
Type of reset	Mechanical spring
Pneumatic connection	Sub-base design, airing
Pneumatic connection, port 1	G1/2
Operating medium	Compressed air to ISO 8573-1:2010 [7:7:-] Inert gases
Note on operating and pilot medium	Lubricated operation not possible
Media temperature	-20 °C...80 °C
Ambient temperature	-20 °C...80 °C
Standard nominal flow rate (standardised to DIN 1343)	1093 l/min
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	Smooth-anodised wrought aluminium alloy (20 µm)
Material cover	Smooth-anodised wrought aluminium alloy (20 µm)
Material seals	EPDM NBR
Material screws	High-alloy stainless steel
Material spring	Spring steel
Product weight	880 g
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)

Feature	Value
Corrosion resistance class CRC	3 - high corrosion stress