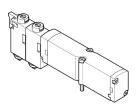
Solenoid valve VMPA14-M1HF-K-PI

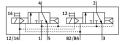
Part number: 578812



Data sheet

ype of actuation E falve size 1 itandard nominal flow rate (standardised to DIN 1343) 5 operating voltage 2 operating pressure 0 operating pressure 0 vpe of reset P opproval c regree of protection II Integrating principle S Aounting position o Annual override D	2x3/2-way, monostable, closed Electric
alve size 1 trandard nominal flow rate (standardised to DIN 1343) 5 operating voltage 2 operating pressure 0 vesign P ype of reset P opproval c vesign protection II uesting principle S Aounting position o Annual override D	
itandard nominal flow rate (standardised to DIN 1343) 5 Operating voltage 2 Operating pressure 0 Sesign P Sype of reset P Spproval C Segree of protection II Sealing principle S Aounting position 0 Annual override D Second Seco	14 mm
operating voltage 2 operating pressure 0 operating proved 0 realing principle S Nounting position 0 Manual override D	
operating pressure 0 operating pressure 0 alesign P ype of reset P ypproval c begree of protection II In T ealing principle S Aounting position o Manual override D	550 l/min600 l/min
3 Jesign P ype of reset P upproval c Uegree of protection II uealing principle S Aounting position o Annual override D	24V DC
ype of reset P pproval c legree of protection lift lift realing principle S Aounting position o Annual override D	D.3 MPa1 MPa 3 bar10 bar
pproval c pgree of protection II realing principle Aounting position Output Descripte	Piston gate valve
Annual override	Pneumatic spring
ealing principle S Nounting position 0 Manual override D	: UL us - Recognized (OL)
Annual override	P65 n assembled state Fo IEC 60529
Aanual override D	Soft
	optional
Ν	Detenting Non-detenting
ype of piloting P	Pilot actuated
low direction N	Non-reversible
ap C	Dverlap
ignal status display y	/es
	D.3 MPa0.8 MPa 3 bar8 bar
uitability for vacuum n	10
Ν	MPA-C: 760 l/min MPA-L: 600 l/min MPA-S: 550 l/min
tandard nominal flow rate with QS-8 5	550 l/min760 l/min
witching time off 2	28 ms
witching time on 1	10 ms
1ax. positive test pulse with 0 signal 4	400 μs
Max. negative test pulse with 1 signal 2	200 µs
ermissible voltage fluctuations +	

FESTO



Feature	Value
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C40 °C
Suitable for use with food	See supplementary material information
Media temperature	-5 °C50 °C
Relative air humidity	Max. 90% at 40°C
Ambient temperature	-5 °C60 °C
Max. tightening torque for valve mounting	0.65 Nm
Product weight	77 g
Type of mounting	With through-hole
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium