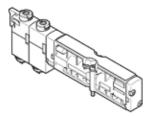
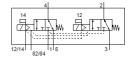
Solenoid valve VMPA1-M1H-KU-PI Part number: 553110







Data sheet

Valve function 2x3/2 closed, monostable Type of actuation electrical Valve size 10 mm Standard nominal flow rate 160 l/min Operating pressure NPa 0.09 1 NPa Working pressure 0.99 10 bar Operating pressure 0.90 10 b	Feature	Value
Valve size	Valve function	2x3/2 closed, monostable
Standard nominal flow rate Operating pressure MPa Operating Operatin	Type of actuation	electrical
Operating pressure MPa Operating pressure (a) -0.9 10 bar Design structure Poppet valve with spring return Type of reset Mentificate issuing department Type of piloting Type of piloting Powersted In desperation In display yes Signal status display Pilot pressure MPa Suitching time off Suitching time off Switching time off Max. positive test pulse with logic 1 Permissible voltage fluctuation Operating medium Note on operating and pilot medium Powersture Public conformity Vibration resistance Transport application servers Menual pressure Shock resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN Max. 90% at a 40°C Public product, valve mounting Public product, valve mounting Public pressure of the pressure of the pressure of the product of	Valve size	10 mm
Design pressure 0.910 bar	Standard nominal flow rate	160 l/min
Design structure Poppet valve with spring return Prype of reset mechanical spring Mechanical sprin	Operating pressure MPa	-0.09 1 MPa
Type of reset Authorization Cult us - Recognized (Ot) Certificate issuing department UI, MH19482 Protection class UI, MH19482 Protection class In assembled condition to IEC 60529 Sealing principle Sealing principle Assembly position Any Manual override Destroying Any Manual override Assembly position Plove direction Pushing Type of piloting Ploted Plow direction Iap UInderlap Signal status display Yes Plot pressure A 8 bar Suitability for vacuum Yes Standard nominal flow rate with QS-6 Switching time on Switching time on Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Permissible voltage fluctuation Appreciation Operating medium Compressed air in accordance with ISO8573-1:2010 [7-4:4] Lubricated operation possible (subsequently required for further operation) Vibration resistance Shock resistance Shock resistance Shock sestiance Ambient temperature Shock Shock Shock Shock Shock Shock Ambient temperature Shock Shock Shock Shock Ambient temperature Shock Shock Shock Shock Ambient temperature Shock Shock Shock Ambient temperature Shock Shock Shock Ambient temperature Shock Sh	Working pressure	-0.9 10 bar
Authorization Certificate issuing department UL MH19482 Protection class IP65 in assembled condition to IEC 60529 Sealing principle soft Assembly position Any Manual override detenting Pushing Type of piloting Ploted Row direction reversible Lap Underlap Signal status display Yes Pilot pressure MPa 0.4 0.8 MPa Pilot pressure MPa Pilot pressure MPa Pilot pressure MPa Standard nominal flow rate with QS-6 160 //min Max. negative test pulse with logic 0 400 µs Max. negative test pulse with logic 1 200 µs Permissible voltage fluctuation +/- 25 % Operating medium Compressure Vibration resistance Shock resistance Max. positive test pulse with ISO8573-1:2010 [7-4:4] Noka Compressure Shock Resistance Shock resistanc	Design structure	Poppet valve with spring return
Certificate issuing department UL MH19482	Type of reset	mechanical spring
Protection class IP65 in assembled condition to IEC 60529 Sealing principle soft Any Any Manual override detenting Pushing Type of piloting Piloted Iap Underlap Signal status display Yes Pilot pressure MPa 0,4,0,8 MPa Pilot pressure MPa 0,6,0,8 MPa Pi	Authorization	c UL us - Recognized (OL)
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