

3/2 Way Direct Acting Pilot Solenoid Valve with Manual Override

Specifications	
Type: B356/B326/D326 Normally Closed	
Media	Water, inert gases, air
Media Temperature	-10 °C to +60 °C
Ambient Temperature	-10 °C to +60 °C
Body Material	Brass (CW617N EN 12165) with electroless nickel plating treatment
Operator Material	Stainless steel
Seal Material	Foodgrade FKM
Protection Class	IP65 (with connector and gasket)

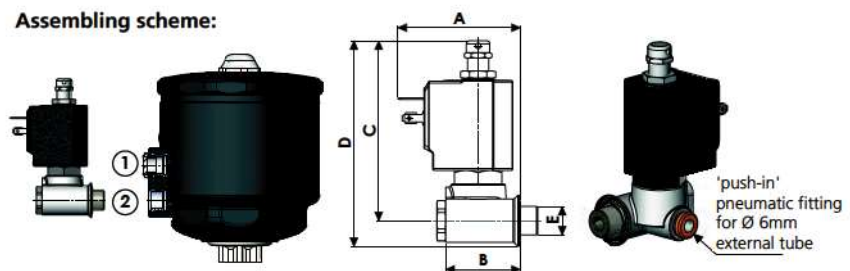
Features and Benefits

- Expressly designed to pilot M&M Piston Actuated Valves
- Valve rotation 360° around port



Dimensions & Weights		B356	B326	D326
Connection	'Push-in'			
A	[mm]	48	51	56.5
B	[mm]	31	34	34
C	[mm]	67	67	83
D	[mm]	77	79	95
E	[mm]	1/8" G	1/4" G	1/4" G
Weight	[kg]	0.25	0.25	0.30

Assembling scheme:



Screw the pilot valve bolt into the inlet port of the piston valve actuator using a maximum torque level of 5 Nm:

- into hole ① for **NORMALLY OPEN VALVES** (RPG/RCG)
- into hole ② for **NORMALLY CLOSED VALVES** (PG-BPG/CG-BCG)

Valve	DN	Flow rate Kvs	OPD		
			min.	max. AC	max. DC
Code	[mm]	[l/min]	[barg]	[barg]	[barg]
B356CVCMK	1.5	0.7	0	10	10

Coils	
Code	[Volts/Hz]
2250	24v DC
2200	24v 50/60Hz
2400	110v 50Hz - 120v 60Hz
2600	200v 50Hz - 220v 60Hz
2700	230v 50Hz - 240v 60Hz

B356 - FKM seal, for actuator size Ø 45

Connection: to DIN 46244
Coil power: AC 10va (holding)
AC 16va (inrush)
DC 7w

OPTIONS

UL approved coils (e.g. code 225R)
DIN connector code 600 001 00-

Valve	DN	Flow rate Kvs	OPD		
			min.	max. AC	max. DC
Code	[mm]	[l/min]	[barg]	[barg]	[barg]
B326CVCMK	1.5	0.7	0	10	10

Coils	
Code	[Volts/Hz]
2250	24v DC
2200	24v 50/60Hz
2400	110v 50Hz - 120v 60Hz
2600	200v 50Hz - 220v 60Hz
2700	230v 50Hz - 240v 60Hz

B326 - FKM seal, for actuator size Ø 63

Connection: to DIN 46244
Coil power: AC 10va (holding)
AC 16va (inrush)
DC 7w

OPTIONS

UL approved coils (e.g. code 240R)
DIN connector code 600 001 00-

Valve	DN	Flow rate Kvs	OPD		
			min.	max. AC	max. DC
Code	[mm]	[l/min]	[barg]	[barg]	[barg]
D326CVEMK	2.0	1.3	0	10	10

Coils	
Code	[Volts/Hz]
7250	24v DC
7200	24v 50/60Hz
7400	110v 50Hz - 120v 60Hz
7600	200v 50Hz - 220v 60Hz
7700	230v 50Hz - 240v 60Hz


D326 - FKM seal, for actuator size Ø 90

Connection: to DIN EN 175301-803 form A (ex din 43650-a)
Coil power: AC 18va (holding)
AC 36va (inrush)
DC 14w

OPTIONS

UL approved coils (e.g. code 725R)
DIN connector code 600 011 00-

3/2 Way Direct Acting Pilot Solenoid Valve EXD - ATEX II 2 GD

Specifications	
Type: N326 Normally Closed	
Media	Water, inert gases, air
Media Temperature	-10 °C to +60 °C
Ambient Temperature	-20 °C to +50 °C
Body Material	Brass (CW617N EN 12165) with electroless nickel plating treatment
Operator Material	Stainless steel
Seal Material	FKM
Coil Protection Class	EEx m II 2GD T4
Cable Type	H05V2V2-F 3G1
Cable Length	3m

Features and Benefits

- Expressly designed to pilot M&M Piston Actuated Valves
- Valve rotation 360° around port



Notes

The valve is supplied inclusive of coil with a power cable, wired on a non-removable plug
Manual override not available
Spare parts not available

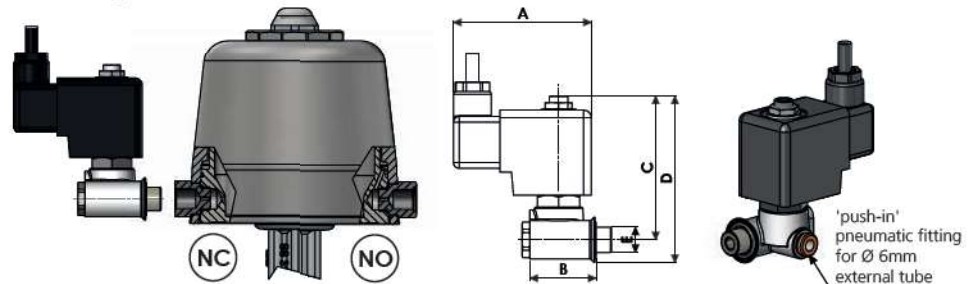
⚠ WARNING!

Valves for potentially explosive atmosphere are available from factory only.

REPLACING THE SOLENOID DOESN'T MAKE A VALVE EXPLOSION-PROOF!

Dimensions & Weights		N326
Connection	'Push-in'	
A	[mm]	72
B	[mm]	34.5
C	[mm]	74
D	[mm]	86
E	[mm]	1/4" G
Weight	[kg]	0.88

Assembling scheme:



Screw the pilot valve bolt into the inlet port of the piston valve actuator using a maximum torque level of 5 Nm:

- into hole marked NO for normally open valves (RPG)
- into hole marked NC for normally closed valves (PG-BPG)

Valve	DN	Flow rate Kvs	OPD			Coils	Power	Fuses ¹	
			Min.	Max. AC	max. DC				
Code	[mm]	[l/min]	[barg]	[barg]	[barg]	Code	[Volts/Hz]	Holding	[mA]
N326CVEK	2.0	1.3	0	10	10	N253	24v DC	10.1w	800
						N203	24v 50/60Hz	7.2vA	800
						N403	110v 50Hz	9.1vA	200
						NK03	120v 60Hz	8.6vA	200
						N703	230v 50Hz	8.5vA	100

⚠ WARNING

1. A mains fuse or an equivalent means of protection (breaking value shown on table for each coil) shall be installed on the mains supply line. **Absence of mains protection does not conform to safety standards (EC Directives 94/9/EC and 1999/92/EC) and could be a potential risk of explosion.**