

SERIES 17V - FIELDBUS ELECTROPNEUMATIC VALVES



Main Features

- Integrated power consumption system
- IP63 protection rating
- Single size, 10 mm thick
- Electro-pilots on one side only
- Identical dimensions for monostable and bistable solenoid valves
- Connections with female threads machined into the base
- Quick and easy assembly with few components in the solenoid valve assembly



Reference standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE



Fluids

- Air



Component Parts and Materials

- Body: Aluminium anodised
- Base: Aluminium anodised
- Spool: aluminium
- Seals spool e piston: elastomero
- Springs: Steel, Stainless steel AISI 302



10 MM
↔

FLOW RATE:
200→220 NI/min

FIELDBUS SOLENOID VALVES

MONOSTABLE WITH PNEUMATIC RETURN			BISTABLE			DOUBLE 3/2 MONOSTABLE MECHANICAL RETURN			DOUBLE 3/2 MONOSTABLE MECHANICAL RETURN		
Code	Function	Vie	Code	-	Vie	Code	Function	Vie	Code	Function	Vie
17V S4 5 00 00	-	5/2	17V S1 5 00 00	-	5/2	17V S0 8 NC 00	NC	5/4	17V S4 8 NC 00	NC	5/4
-	-	-	-	-	-	17V S0 8 NO 00	NO	5/4	17V S4 8 NO 00	NO	5/4
-	-	-	-	-	-	17V S0 8 NN 00	NC-NO	5/4	17V S4 8 NN 00	NC-NO	5/4

PLUG FOR UNUSED POSITION	INTERMEDIATE SUPPLY BLOCK
Code	Code
17V 20 0 00 00	17V 21 0 00 00

PNEUMATIC BASE WITH INTEGRATED PILOTING SYSTEM

BI-STABLE BASE WITH INTEGRATED PILOTING		MULTIPLE BASE WITH INTEGRATED PILOTING		SEPARATING PILOT PLUG	SEPARATING PLUG
Code	N° Positions	Code	N° Positions	Code	Code
17VB0 04 00 0	4	17VB0 24 00 1	BIS.8 POS.+ MONO.16 POS	17V 17 0 00 00	17V 18 0 00 00
17VB0 06 00 0	6	-	-	-	-
17VB0 08 00 0	8	-	-	-	-
17VB0 10 00 0	10	-	-	-	-
17VB0 12 00 0	12	-	-	-	-
17VB0 14 00 0	14	-	-	-	-
17VB0 16 00 0	16	-	-	-	-

POWER SUPPLY UNIT

D-SUB 25 PINS	D-SUB 37 PINS	ETHERNET/IP	PROFINET
Code	Code	Code	Code
16V 17 00 00 1	16V 16 00 00 1	16V U1 00 00 0	16V U2 00 00 0

EtherCAT	POWERLINK	IO-LINK
Code	Code	Code
16V U3 00 00 0	16V U4 00 00 0	16V W3 00 00 2

STRAIGHT MALE ADAPTOR (PARALLEL) WITH HEXAGON EMBEDDED		STRAIGHT MALE ADAPTOR (PARALLEL) WITH HEXAGON EMBEDDED		POLYAMIDE PLUG		ORIENTING ELBOW	
Code	Tube	Code	Tube	Code	Ø	Code	Tube
50010 00 N09	4 - M7x1	50015 00 N03	6 - 1/8	50610 00 31 X1 RO	4	55140 00 002	4 - 6
-	-	50015 00 N04	8 - 1/8	50610 00 31 X4 RO	6	55140 00 005	6 - 6
-	-	50015 00 N12	10 - 1/4	50610 00 31 X7 RO	8	55140 00 007	8 - 8
-	-	-	-	50610 00 31 X9 RO	10	55140 00 008	8 - 10
-	-	-	-	-	-	55140 00 009	10 - 10

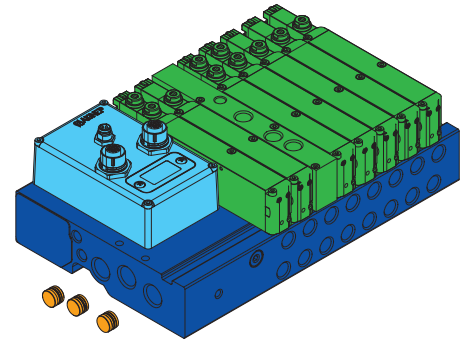
ORIENTING ELBOW		D-SUB 25 POLES CABLE WITH INLINE CONNECTOR		D-SUB 37 POLES CABLE WITH INLINE CONNECTOR		ETHERNET/IP, PROFINET, ETHERCAT AND POWERLINK CABLE WITH INLINE FEMALE CONNECTOR M8X1	
Code	Tube	Code	Lengh	Code	Lengh	Code	Lengh
55150 00 002	4 - 6	16V W1 05 00 0	5 mt	15V W1 05 00 0	5 mt	16V W2 05 00 0	5 mt
55150 00 005	6 - 6	16V W1 10 00 0	10 mt	15V W1 10 00 0	10 mt	16V W2 10 00 0	10 mt
55150 00 007	8 - 8	-	-	-	-	-	-
55150 00 008	8 - 10	-	-	-	-	-	-
55150 00 009	10 - 10	-	-	-	-	-	-

ETHERNET/IP, PROFINET, ETHERCAT AND POWERLINK CABLE WITH "L" FEMALE CONNECTOR M8X1		ETHERNET/IP, PROFINET, ETHERCAT AND POWERLINK CABLE WITH INLINE MALE CONNECTOR M12X1		ETHERNET/IP, PROFINET, ETHERCAT AND POWERLINK CABLE WITH 90° ANGLE MALE CONNECTOR M12X1		ETHERNET/IP, PROFINET, ETHERCAT AND POWERLINK CABLE WITH INLINE MALE - MALE CONNECTORS M12X1	
Code	Lengh	Code	Lengh	Code	Lengh	Code	Lengh
16V W2 05 00 1	5 mt	15V W5 05 00 0	5 mt	15V W5 05 00 1	5 mt	15V W6 05 00 0	5 mt
16V W2 10 00 1	10 mt	15V W5 10 00 0	10 mt	15V W5 10 00 1	10 mt	-	-

ETHERNET/IP, PROFINET, ETHERCAT AND POWERLINK CABLE WITH 90° ANGLE MALE-MALE CONNECTORS M12X1	
Code	Lengh
15V W6 05 00 1	5 mt



Insert the values of the boxes in the table on page 161 in the following columns, to configure your 17V valve.



1A	16V 17 00 00 1 D - SUB 25 Pins
1B	16V 16 00 00 1 D - SUB 37 Pins
1C	16V U1 00 00 0 Ethernet/IP
1D	16V U2 00 00 0 Profinet
1E	16V U3 00 00 0 EtherCAT
1F	16V U4 00 00 0 PowerLink

Bi-stable base	Bi-stable base with separate piloting
2K 17V B0 04 000 N° 4 Positions	2P 17V B1 04 000 N° 4 Positions
2L 17V B0 06 000 N° 6 Positions	2O 17V B1 06 000 N° 6 Positions
2A 17V B0 08 000 N° 8 Positions	2F 17V B1 08 000 N° 8 Positions
2B 17V B0 10 000 N° 10 Positions	2G 17V B1 10 000 N° 10 Positions
2C 17V B0 12 000 N° 12 Positions	2H 17V B1 12 000 N° 12 Positions
2M 17V B0 14 000 N° 14 Positions	2N 17V B1 14 000 N° 14 Positions
2D 17V B0 16 000 N° 16 Positions	2I 17V B1 16 000 N° 16 Positions
Multiple base (bi + mono-stable)	Multiple base with separate piloting
2E 17V B0 24 001 BIS.8 POS + MONO. 16 POS.	2J 17V B1 24 001 BIS.8 POS + MONO. 16 POS.

3B	17V S4 5 00 00 5/2 solenoid valve monostable pneumatic spring return
3C	17V S1 5 00 00 5/2 solenoid valve two stable positions
3D	17V S0 8 NC 00 5/4 solenoid valve monostable mechanical spring return
3E	17V S0 8 NO 00 5/4 solenoid valve monostable mechanical spring return
3F	17V S0 8 NN 00 5/4 solenoid valve monostable mechanical spring return
3G	17V S4 8 NC 00 5/4 solenoid valve monostable pneumatic spring return - NC

3H	17V S4 8 NO 00 5/4 solenoid valve monostable pneumatic spring return - NO
3I	17V S4 8 NN 00 5/4 solenoid valve monostable pneumatic spring return - NN
3J	17V 20 0 00 00 Closing Plate
3K	17V 21 0 00 00 Intermediate air supply
4A	17V 18 0 00 00 Separating plug

SET YOUR VALVE 17V

Power supply unit	
<input type="checkbox"/>	

Base	
<input type="checkbox"/>	

Valve, Closing plug, Intermediate air supply	
1° POS	<input type="checkbox"/>
2° POS	<input type="checkbox"/>
3° POS	<input type="checkbox"/>
4° POS	<input type="checkbox"/>
5° POS	<input type="checkbox"/>
6° POS	<input type="checkbox"/>
7° POS	<input type="checkbox"/>
8° POS	<input type="checkbox"/>
9° POS	<input type="checkbox"/>
10° POS	<input type="checkbox"/>
11° POS	<input type="checkbox"/>
12° POS	<input type="checkbox"/>
13° POS	<input type="checkbox"/>
14° POS	<input type="checkbox"/>
15° POS	<input type="checkbox"/>
16° POS	<input type="checkbox"/>

Valve, Closing plug, Intermediate air supply	
17° POS	<input type="checkbox"/>
18° POS	<input type="checkbox"/>
19° POS	<input type="checkbox"/>
20° POS	<input type="checkbox"/>
21° POS	<input type="checkbox"/>
22° POS	<input type="checkbox"/>
23° POS	<input type="checkbox"/>
24° POS	<input type="checkbox"/>

Separating plug	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

Insert in positions no. N°	Air power	Exhaust	Pilot power supply
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			

The use of intermediate pneumatic supply is recommended every 5 solenoid valves in case of simultaneous actuate output, to perform better.