



Miniature electropilots

- Direct intervention electropilots with poppet valve system and bottom cushioned seals
- Assembly on sub-base, threaded connections on the body, CNOMO interface
- Orientable coil (360°) separated from mechanical part
- Versions: 2/2 3/2 - NC NO
- Original Univer SPEED modular sub-base



Fluid

10 µm filtered air, with or without lubrication;
neutral gases (versions for different fluids
available upon request)

Ambient temperature	-10 ÷ +50 °C			
Fluid temperature	Max +95 °C			
Commutation system	direct intervention poppet with cushioned seals			
Way/Positions	2/2 NC, 3/2 NC 3/2 NO a mechanism designed to ensure that air is always drawn in from the body			
Pressure	2/2NC - 3/2 NC = 0 ÷ 10 3/2 NO = 3 ÷ 10			
Control	electric			
Return	mechanical spring			
Connections	on sub-base / threaded on the body			
	sub-base	G 1/8	G 1/4	CNOMO
Nominal Ø (mm)	2,1 ÷ 2,4	2,1 ÷ 2,4	1,6 ÷ 6	2,1 ÷ 2,4
Nominal flow rate (NI/min)	92 ÷ 150	100 ÷ 150	95 ÷ 650	92 ÷ 110
Coil	U2			
Absorption	DB			
Power consumption	11 W (DC) - 10 VA (AC)			
Voltage	12 V DC - 24 V DC - 24 V AC - 110 V AC - 230 V AC			
Protection degree	IP65			



Reference Standard

II 2G Ex h IIC T5 Gb



II 2D Ex h IIIC T100°C Db



II 3 GD c nA II T5 -10 °C ≤ Ta ≤ 45 °C IP65



Key



Screwdriver adjustment



Button on the ring nut

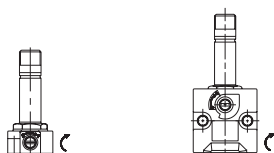


Pressure applied with a tool

MANUAL CONTROL STANDARD



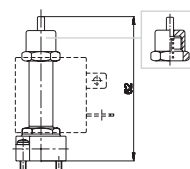
2-POSITION SCREWDRIVER



all NC servo drives where manual intervention
is required



BUTTON ON THE BEZEL

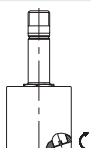


3/2 NO solenoid valves

MANUAL CONTROLS ON REQUEST



1-2-POSITION SCREWDRIVER



LETTER TO BE ADDED AT THE END
OF THE ELECTROPILOT CODE

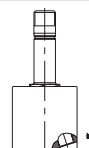
A

EXAMPLE:
AB-0886A

CNOMO NC electric actuators only



PRESSURE-OPERATED WITH TOOL



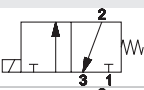
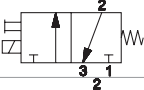
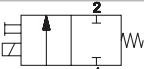
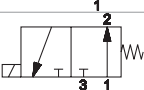
U

EXAMPLE:
AB-0886U

CNOMO NC electric actuators only

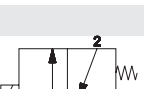
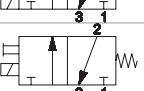
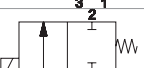
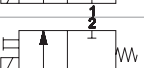
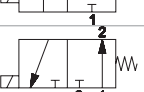
ELECTRIC PILOT VALVE AB FOR MOUNTING ON CNOMO BASE



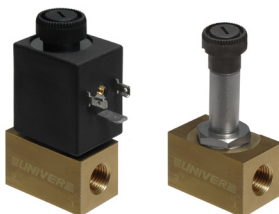
AB-0681	3/2 NC	-	
AB-0687	3/2 NC		
AB-0722	2/2 NC	-	
AB-0728	2/2 NC		
AB-0685	3/2 NO		

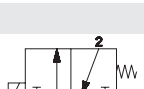
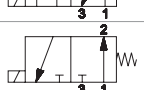
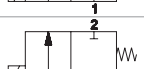
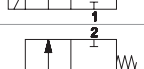
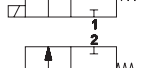
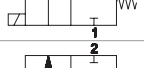
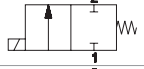
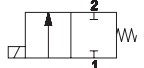
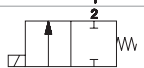
ELECTROPILOT AB THREAD G1/8



AB-0751	3/2 NC	-	
AB-0757	3/2 NC		
AB-0765	2/2 NC	-	
AB-0771	2/2 NC		
AB-0755	3/2 NO		

ELECTROPILOT AB THREAD G1/4



AB-0822	3/2 NC	-	
AB-0819	3/2 NO		
AB-0824	2/2 NC	-	
AB-0825	2/2 NC	-	
AB-0826	2/2 NC	-	
AB-0827	2/2 NC	-	
AB-0828	2/2 NC	-	
AB-0829	2/2 NC	-	
AB-0830	2/2 NC	-	
AB-0831	2/2 NC	-	
AB-0832	2/2 NC	-	
AB-0833	2/2 NC	-	

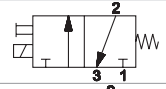
Electropilots are supplied without coil and connector

AB PILOT SOLENOID VALVE FOR CNOMO BASE MOUNTING



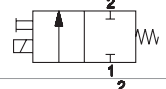
AB-0885

3/2 NC



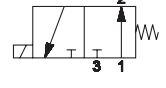
AB-0886

2/2 NC



AB-0888

3/2 NO



MODULAR SUB-BASE, CNOMO SERIES, G1/8



AB-0900

CNOMO

G 1/8



SLEEVES AB



AB-0600

3/2 NO

AB-0613

3/2 NC

AB-0640

2/2 NC

AB-0643

2/2 NC

LOCKING RINGS FOR COILS ON SLEEVES



AM-5212A

3/2 NC



AM-5212B

2/2 NC



AM-5214A

3/2 NO

COILS U2



DB-0501

12 V DC

DB-0502

24 V DC

DB-0507

24V AC - 50/60 Hz

DB-0509

110V AC - 50/60 Hz

DB-0510

230V AC - 50/60 Hz

DIN 43650 CONNECTOR FOR SERIES U2



AM-5111

Protection class IP65. PG9 cable entry. 360° rotatable on the coil

Available on request with LED indicator

COILS U2 - 17 VA FOR ELECTROPILOTS G1/4



DB-0607

24V AC - 50/60 Hz - 17 VA

DB-0608

110V AC - 50/60 Hz - 17 VA

DB-0610

220V AC - 50/60 Hz - 17 VA

Electropilots are supplied without coil and connector