

**DESCRIPTION**

The series 110 with prefix WPSDU pilotbox is designed in accordance with Annex II of the European Directive 2014/34/EU and CENELEC standards EN13463-1, EN50014 and EN50281-1-1. Classification II 3D IP65. The pilot box contains 2 to 6 2-WAY normally closed solenoid valves for remote control of pulse valves in dust collector systems. A (optional) thermostat controlled heating device keeps the valves from freezing at low ambient temperatures.

**INSTALLATION**

ASCO components are intended to be used only within the technical characteristics as specified on the nameplate. Changes to the equipment are only allowed after consulting the manufacturer or its representative. The WPSDU-pilotbox is intended for installation in potentially explosive atmospheres. group II dusts (Group D, category 3). The surface temperature classification depends on wattage and ambient temperature and is stated on the nameplate. Depending on the ambient temperature/wattage, a heat resistant cable, suitable for temperature as indicated on the nameplate, must be used.

Before installation depressurize the piping system and clean internally. The equipment may be mounted in any position. The flow direction is indicated on the sectional drawing. The pipe connections have to be in accordance with the size indicated on the nameplate and fitted accordingly.

**CAUTION**

- Reducing the connections may cause improper operation of malfunctioning.
- For the protection of the equipment install a strainer of filter suitable for the service involved in the inlet side as close to the product as possible.
- If tape, paste, spray or a similar lubricant is used when tightening, avoid particles entering the system.
- Use proper tools and locate wrenches as close as possible to the connection point.
- To avoid damage to the equipment, DO NOT OVERTIGHTEN pipe connections.
- The pipe connections should not apply any force, torque or strain to the product.

**CAUTION**

Electrical load of the coils must be within the range stated on the nameplate. Electrical load of the (optional) heating device must be in the range stated on the label near the terminal block. Failure to stay within the electrical range results in damage or premature failure. It will also invalidate the approval.

**SERVICE**

To prevent the possibility of personal or property damage, do not touch the pilotbox. It can become hot under normal operation conditions. If the pilot box is easily accessible, the installer must provide protection preventing accidental contact.

**SOUND EMISSION**

The emission of sound depends on the application, medium and nature of the equipment used. The exact determination of the sound level can only be carried out by the user having the manifold installed in his system.

**MAINTENANCE**

Maintenance depends on service conditions. Periodic cleaning is recommended, the timing of which will depend on the media and service conditions. During servicing, components should be examined for excessive wear. A complete set of internal parts is available as a spare parts kit. If a problem occurs during installation/maintenance or in case of doubt please contact ASCO or authorized representative.

**CAUTION:** Before servicing, turn off electrical power, depressurize and vent fluid to a safe area. Pilotbox must be fully reassembled as the housing and internal parts complete the magnetic circuit. In case of any replacement of parts by the user, the traceability of the final product can not be guaranteed by ASCO. Wrong assembly will invalidate the approval.

**A separate declaration of conformity as defined by 2014/34/EU is available on request. Please input the order confirmation number and the serial numbers for the products concerned. This product meets the essential requirements of EMC 2014/30/EU. A separate declaration of conformity is available on request.**

**For additional information, visit our Internet site: [www.asco.com](http://www.asco.com).**

<b>ASCO</b>	DRAWING	DESSIN	ZEICHNUNG
	DISEGNO	TEKENING	

SERIES WPSDU110

<b>GB</b> * Supplied in spare part kit	
<b>FR</b> * Livrées en pochette de rechange	
<b>DE</b> * Enthalten im Ersatzteilsatz	
<b>IT</b> * Disponibile nel Kit parti di ricambio	
<b>NL</b> * Geleverd in vervangingsset	

  

<b>Catalogue number</b> Code électrovanne Katalognummer Codice elettrovalvola Katalogus nummer	<b>Spare part kit</b> Code pochette de rechange Ersatzteilsatz Kit parti di ricambio Vervangingsset
WPSDUG110A020 up to 120 WPSDUG110A021 up to 121 WPSDUG110A072 up to 122	- / =  C127837

<b>ASCO</b>	DRAWING	DESSIN	ZEICHNUNG
	DISEGNO	TEKENING	

TORQUE CHART	
A	2,5±0,2      22±2
B	4,5±0,1      40±1
C	1±0,2      9±2

  

ITEMS	NEWTON.METRES	INCH.POUNDS

<b>GB</b>	<b>DESCRIPTION</b>
1. Cover assembly	10. Baseplate assembly
2. Yoke	
3. Clip retaining	
4. Coil	
5. Screw M4x8	
6. Sol. Base sub-assembly	
7. O-ring	
8. Core assembly	
9. Terminal string	

  

<b>FR</b>	<b>DESCRIPTION</b>
1. Montage du couvercle	10. Montage de la plaque de fond
2. Culasse	
3. Clip de maintien	
4. Bobine	
5. Vis M4x8	
6. Sol. Sous-ensemble de base	
7. Joint torique	
8. Montage du noyau	
9. Chaîne de la borne	

  

<b>DE</b>	<b>BESCHREIBUNG</b>
1. Deckelbaugruppe	10. Grundplattenbaugruppe
2. Joch	
3. Halteklammer	
4. Spule	
5. Schraube M4x8	
6. Haltemutter	
7. Dichtungsring	
8. Magnetankerbaugruppe	
9. Klemmenleiste	

  

<b>IT</b>	<b>DESCRIZIONE</b>
1. Coperchio	10. Gruppo piastra
2. Giogo	
3. Clip di fissaggio	
4. Bobina	
5. Vite M4x8	
6. Sottogruppo di base	
7. Anello di ritenuta	
8. Gruppo nucleo	
9. Basetta connessioni	

  

<b>NL</b>	<b>BESCHRIJVING</b>
1. Dekseleenheid	10. Basisplaateneheid
2. Juk	
3. Zekeringsbeugel	
4. Spoel	
5. Schroef M4x8	
6. Magn. Basis subeenheid	
7. O-ring	
8. Kerneenheid	
9. Klemmenrij	









