

## Starting Air Dryer

1. Connect the air dryer to the power supply
2. Switch S4 to turn ON (I) the air dryer.
3. Display AT1 will illuminate and starts to display process status, running hours, pressure and status internet connection
4. By opening (switch upwards) valves on the front side of the unit (V1 till V8) the corresponding connection on back side of the unit will deliver dry air.

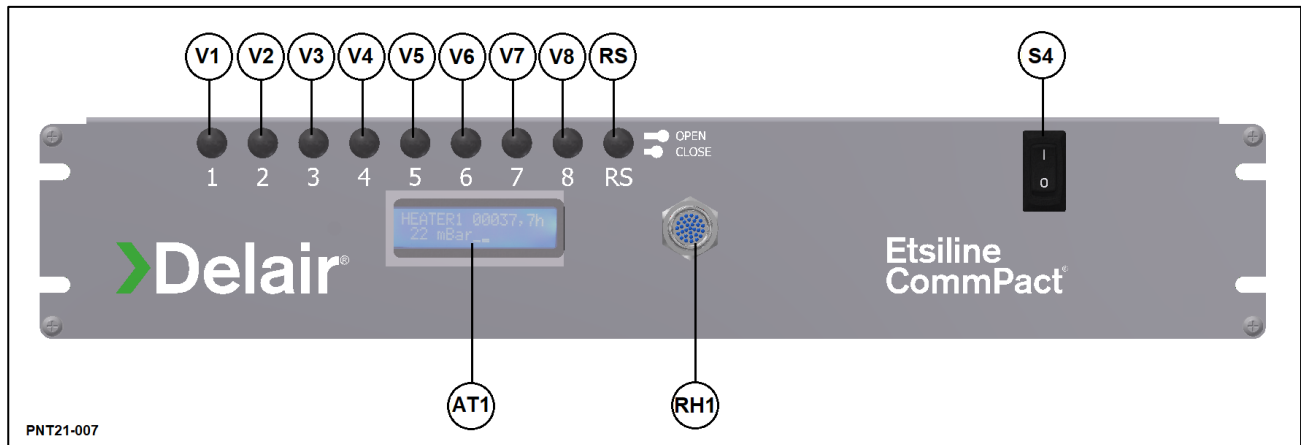


Figure 1; Front view with identification of controls

## Stopping Air Dryer

1. Switch S4 to turn OFF (0) the air dryer.
2. Close the dry-air supply valves (V1...V8)
3. Disconnect dryer from power supply if necessary

## Information about connections

All connections are positioned on the back side of the unit.

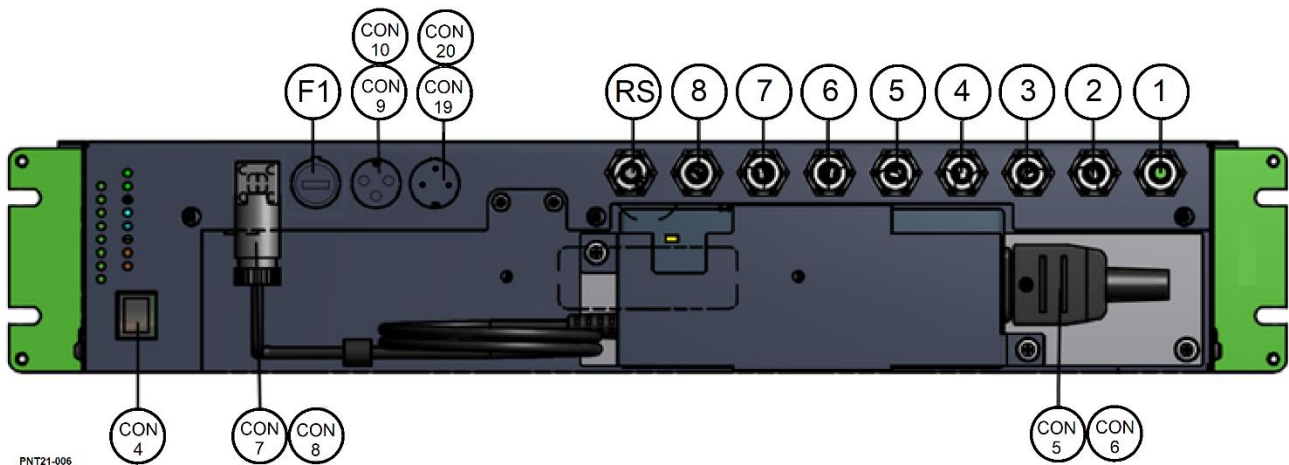
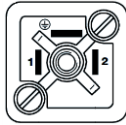


Figure 1.2; Back view with identification of connections (option with adaptor and redundant communication port is shown here)

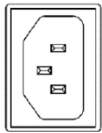
Electrical power supply voltage : **48VDC**

To be connected to male-connector **CON8**. Female socket (**CON7**) included in delivery. See below how connector needs to be wired;



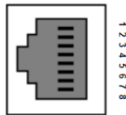
**CON7** **48Vdc Supply connector**  
**CON8** Female socket CON7 included in delivery.  
 3-pole connection suitable for 48Vdc.  
 Pin 1: +, Pin 2: -, 3 earth

With option 0281544 (power adaptor) power supply is : **90-264Vac / 1ph / 50-60Hz**



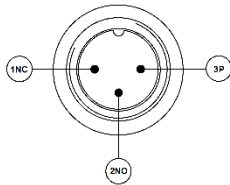
**CON5** **Main voltage connector**  
**CON6** [Only applicable with option 0281544]  
 Female socket CON6 included in delivery.  
 3-pole (phase-neutral-earth) connection suitable for 90-264Vac/1/50-60Hz  
 – 90W.

Through CON4 the installation is connected to Ethernet



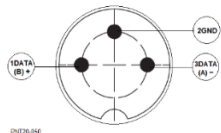
**CON4** **Ethernet connection**

Air dryer is equipped with an alarm connector CON9. See below positioning of contacts



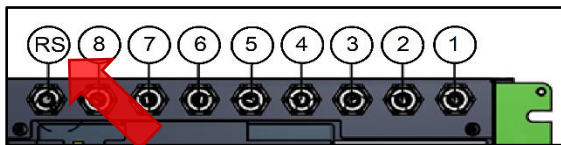
**CON9** **Alarm connector**  
**CON10** Connector for external alarm. Potential free contact.

Air dryer is optionally equipped with a redundant communication connector CON19. See below positioning of contacts



**CON19** **Redundant communication connector**  
**CON20** Connector for communication between redundant master and slave unit.

Dry air connections (outlet 1...8) and Remote sense connector (RS)



**Outlet 1...8** **Dry air outlet connection, Remote sense connection**

**Inlet RS**

Hose connection to system. Connection number corresponds to OPEN-CLOSE valve on front of the unit. When corresponding valve is opened, dry air is delivered to the system. Suitable for flexible hoses with internal diameter **6mm** and outside diameter of **8mm**.

Connection 9 is the remote sensing connection. With this connection the pressure downstream the dryer can be measured and used for control.

## Logging in through ethernet

After connecting the delair® Etsiline CommPact (connector CON4) to internet, it is possible to check the status of the dehydrator and change parameters like working pressure and alarms.

At start-up of the dehydrator you read on the display (line 2) the IP address of the unit. After you have filled in the IP address in your web browser (preferable Google Chrome), you need to fill in your Username and Password. The default username and password are:

Username : admin  
Password : admin



Figure 6.3; Inlog screen

## To be checked in case of failure

- Check system for leakages
- Check dryer settings (see manual ACMM16WC0002 Chapter 6)
- Check power supply
- Check fuse on back of the unit. To open fuse holder, twist holder counter clockwise.



**F1**

### **Fuse**

Fuse holder for 2A-fuse-slow (20 mm) which protects the heater elements. Twist to open.

NOTE

: Detailed information can be found in manual ACMM16WC0002 as stored on the USB-stick which is included in the delivery of the air dryer. Or on de delair® CommPact landing page.



[www.spxflow.com/en/delair/pd-mp-delair-waveguide-dryer-etsiline-series/](http://www.spxflow.com/en/delair/pd-mp-delair-waveguide-dryer-etsiline-series/)