

**PARTS & SERVICE NEWS**

REF NO.

AH01520

DATE

05182001

**SUBJECT:** Pressure switch chain tension

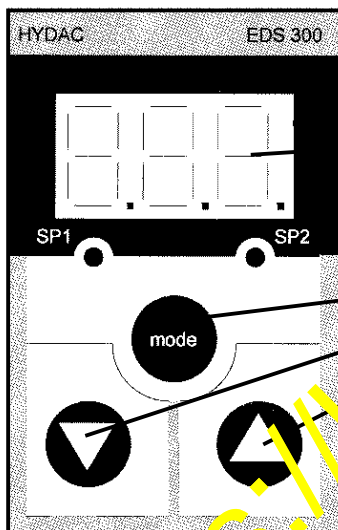
**PURPOSE:** Release of a new switch type (part number: 906 972 40)  
Setting on the machine

**APPLICATION:** PC4000-6; PC5500-1

**FAILURE CODE:** P500PB

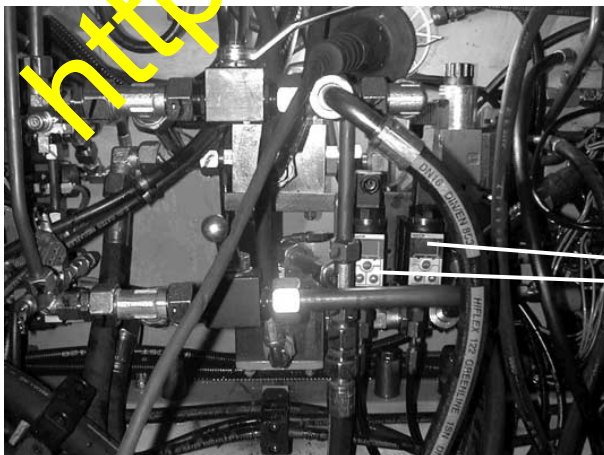
**DESCRIPTION:**

**B100; B101  
at the control and filter  
plate**



3 – digit  
digital display

keys for setting switching  
points, switch back points  
and additional functions



Example of the  
installation  
(PC4000)

**Settings:**

SP1	36 bar
HY1	6 bar
S1	OFF
T <sub>ON</sub>	2,5 sec
T <sub>OFF</sub>	2,5 sec

## Description of the settings

The pressure switch has one switching output. One switching point and one hysteresis can be set for the switching output. The output switches when the pre-set switching point is reached and switches back when the pressure falls below the switch-back point. The switch-back point is determined by the pre-set hysteresis (switch-back point = switching point minus hysteresis).

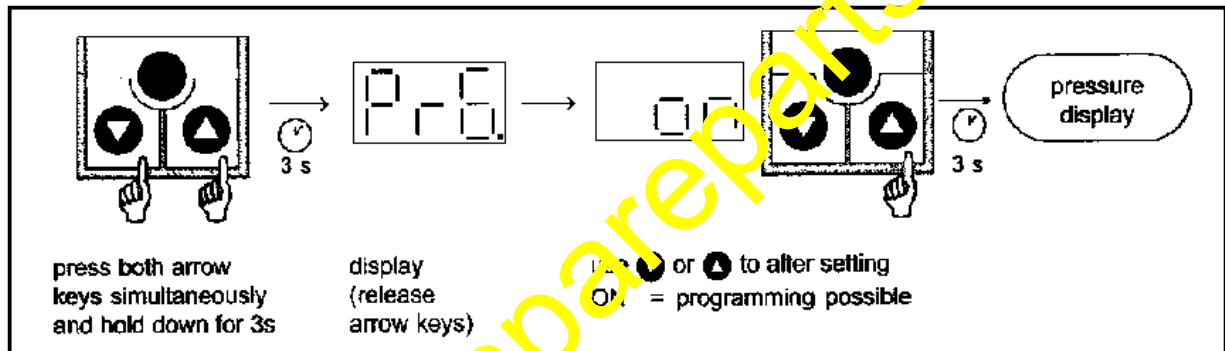
### 1. Installation of pressure switch to the control- and filter plate and electrical reconnection

#### 2. Programming enable

The unit has 2 types of programming enable which must **both** be set to "ON" to change the settings.

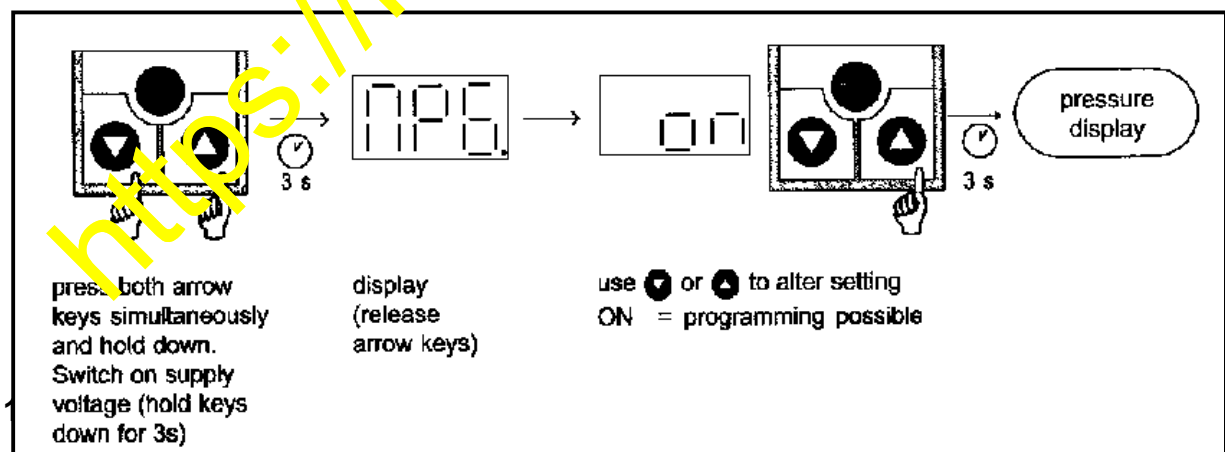
##### 2.1 Altering the operating programming enable

Switch on the supply voltage



##### 2.2 Altering the main programming enable

Switch off supply voltage or disconnect the unit from the supply voltage



### 3. Basic settings

- Switch off supply voltage or disconnect the unit from the supply voltage
- Press “**mode**” key and hold down. Switch on supply voltage (hold key down for 3s).

Display:



- Release “**mode**” key.
  - Press “**mode**” key several times until **S 1** point appears in the display.
  - Use the ▲ or ▼ keys to alter the setting to **OFF**
  - Press “**mode**” key several times until **on. 1** point appears in the display.
  - Use the ▲ or ▼ keys to alter the setting to **2,5s**
  - Press “**mode**” key several times until **oF. 1** point appears in the display.
  - Use the ▲ or ▼ keys to alter the setting to **2,5s**
  - Press “**mode**” key several times until **END** point appears in the display.
  - Use the ▲ or ▼ keys to alter the setting to **YES**
- The pressure switch returns to the normal display mode after 2 seconds.



- **The time between the individual steps of the basic setting procedure must not exceed 50 seconds. Otherwise any changes which may have been made will not be saved.**

### 4. Setting the switching points and hysteresis

Unit are current supplied.

- Press “**mode**” key.  
**S.P.1** is displayed.  
After 2 seconds the current setting in the display flashes.
- Use the ▲ or ▼ keys to alter the setting to **36 bar**.
- Press “**mode**” key until **H.Y.1** is displayed.  
After 2 seconds the current setting flashes.
- Use the ▲ or ▼ keys to alter the setting to **6 bar**.  
If no keys are pressed for 3 seconds, the display changes back and the settings are saved.