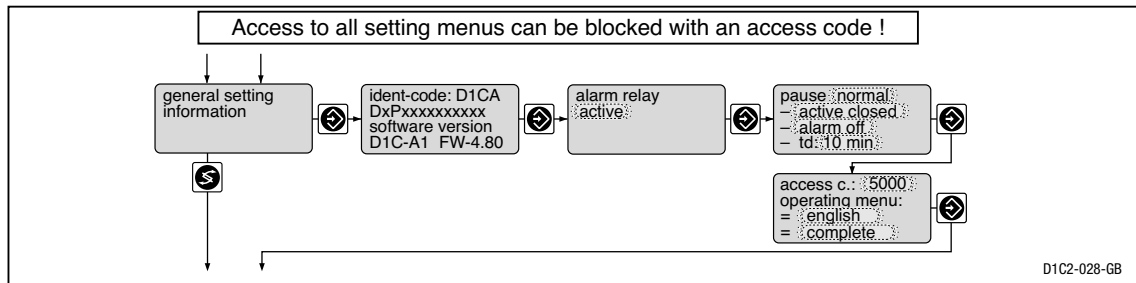


## General setting



### Pause Normal

If the pause contact is closed the DULCOMETER® D1C sets variable outputs to “0” as long as this contact is closed or for a preset delay time  $t_d$  (when  $t_d > 0$  min). While the pause contact is closed the DULCOMETER® D1C will detect the P proportion in the background.

PID control (identcode characteristic “Control characteristic” = 2): the I-proportion which is present when the pause contact is closed is saved (I-proportion generally present only if  $T_n$  set to  $> 0$  in the “control settings?” set up menu).

Exception: the mA standard signal outputs for measured value and the correction value are not affected by the pause function.

After the pause contact opens the variable outputs remain at “0” for the delay period  $t_d$ . The delay period  $t_d$  must be set to ensure that during this period e.g. sample water whose concentration complies with the current process settings flows as far as the sensor.

PID control (identcode characteristic “Control characteristic” = 2): the variable output after the pause and the expiry of the delay period  $t_d$  is made up of the current P proportion and (if  $T_i$  is set to  $> 0$ ) the saved I-proportion.

### Pause Hold

If the pause contact is closed the DULCOMETER® D1C freezes the variable outputs at the last value as long as this contact is closed or for a preset delay time  $t_d$  (when  $t_d > 0$  min). While the pause contact is closed the DULCOMETER® D1C will detect the P proportion in the background.

PID control (identcode characteristic “Control characteristic” = 2): the mA standard signal outputs for measured value and the correction value are also frozen.

After the pause contact opens the variable outputs remain frozen for the delay period  $t_d$ . The delay period  $t_d$  must be set to ensure that during this period e.g. sample water whose concentration complies with the current process settings flows as far as the sensor.

PID control (identcode characteristic “Control characteristic” = 2): the variable output after the pause and the expiry of the delay period  $t_d$  is made up of the current P proportion and (if  $T_i$  is set to  $> 0$ ) the newly detected I-proportion.

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Technische Änderungen vorbehalten.  
Subject to technical modifications.