

## EcoFlex PLE Pro

pressureless expansion automats with pump

The SOTEX EcoFlex PLE Pro version is basically the same as the SOTEX EcoFlex PLE expansion automat, the difference is in the control. A Siemens CPU S7-1200 complete with a multi-colored touchscreen replaces the relay technology of the standard version. The SOTEX EcoFlex PLE Pro displays the content measurement and the system pressure measurement clearly and effectively on a 7 inch color screen. The measurements are performed by the supplied 4-20 mA pressure sensors instead of the analogue measurement technology of the standard version.

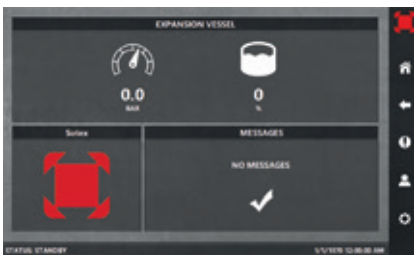
Another important functionality that is only available with the SOTEX EcoFlex PLE **Pro** is the **refill mode**. Allows you to refill the system automatically, using the software in the PLE **Pro**. If the water level in the expansion vessel is too low, a potential-free signal will be given which you can use to control a pump or valve. Naturally, this signal is interrupted again as soon as the set desired level has been reached. Coupled with a maximum top-up time. Optionally, you can order the **SOTEX PLE-FILL**, see photo below. This consists of a KIWA-approved shut-off valve, a robust solenoid valve and a water meter with pulse counter that shows the amount of water consumed via the 7" display of the PLE Pro.

The important advantages of all SOTEX EcoFlex expansion systems are the low investment threshold, ideal for export projects because of the pressureless operation, available for almost any mains voltages, and the very solid and reliable quality and service life. The SOTEX EcoFlex PLE **Pro** expansion vessel is easy to expand with the SOTEX EcoFlex PLV coupling vessels. These coupling vessels make it easy to increase the expansion volume without directly adding an extra control unit.

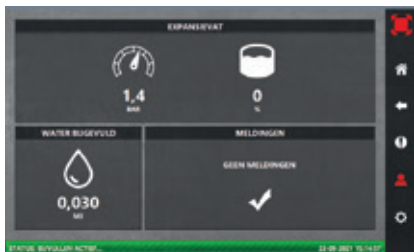


Optional SOTEX PLE-FILL

Standard display PLE Pro



Display PLE Pro with active refill modus



### PLE PRO

epdm membrane (max. 90°C.)	1500	2200	2700	3300	4000	4800	5300	6300	7500	8900	10300	12100	14000	18200
robust centrifugal pump								✓						
system pressure sensor								✓						
solenoid valve (return valve)								✓						
flexibel connection hose (system)								✓						
content monitoring								✓						
motor power pump [kW]							0.37						0.55	
system voltage (50 Hz) [VAC]														3x 400 (special currents on request)
approval														not applicable - pressure free expansion vessel
content vessel [l]	370	420	455	500	535	570	630	715	795	899	930	1005	1110	1585
diameter [mm]	2627	2265	2665	3165	3170	3670	3208	3708	3260	3760	4260	3795	4295	4350
totale height [mm]	960	1270	1270	1270	1400	1400	1600	1600	1900	1900	1900	2200	2200	2500
weight [kg]	1516	2178	2680	3307	4010	4771	5289	6282	7509	8914	10320	12110	13997	18243
system connection														
max. work. press. pump [bar]									1,4					
max. temperature [°C.]									90					