

# Back-up / alternating / parallel operation for two reverse osmosis units

Back-up / alternating / parallel operation of two RO systems with a common permeate tank. Normally, one unit is in operation and one unit is in standby. The circuit controls the alternating operation of the RO units for each level-dependent demand, the level-controlled connection of the second RO unit in the event of increased permeate consumption, the automatic switchover to the second RO unit in the event of a malfunction and the automatic shutdown of both units in the event of overflow.

## BENEFITS

- 100% redundancy increases operational reliability and ensures continuous permeate production
- If ordered at the same time as the reverse osmosis, the installation in the control cabinet is included in the price

## APPLICATIONS

- For demand-based control of two reverse osmosis units with a common permeate tank

## CONDITIONS OF USE

Ordering of back-up/alternating/parallel operation UO-/UP-S7 (Art. No. 542 404) only possible with the simultaneous purchase of two units of the UO-S7 or UP-S7 series. Two analogue level measurements (4 - 20 mA) in the common permeate tank are required from client.

## TECHNICAL DATA OF SERIES

Product name	Compatible with	Item number
Back-up / alternating / parallel operation	2x UO-D and 1x level permeate digital	383 705
Back-up / alternating / parallel operation	2x UO-D and 1x level permeate analogue (4 - 20 mA)	545 852
Back-up / alternating / parallel operation	2x UO-/UP-S7 and 2x level permeate analogue (from client)	542 404