

# PR

## Permeate recirculation

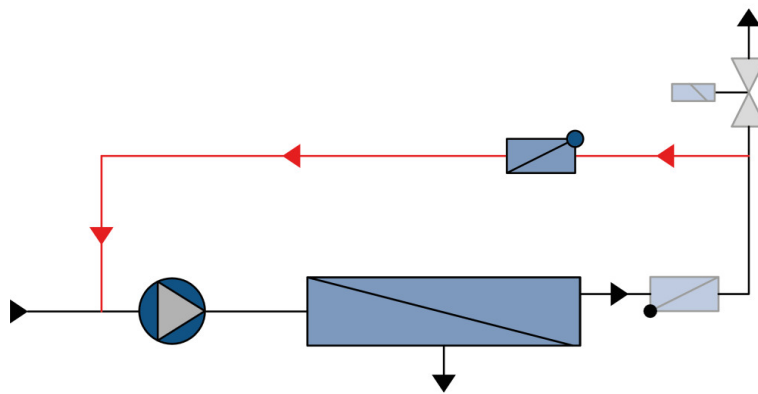
Automatic permeate recycling depending on permeate conductivity with freely programmable limit to provide high quality water at the point of use. Adjusting of conductivity limit at controller of the RO unit.  
If no water of the required conductivity is provided (e.g. at the start of the reverse osmosis unit), the permeate is not conveyed to the point of use but recycled to the suction side of the pump of the reverse osmosis unit.

### BENEFITS

- Ensures constant permeate quality
- Already mounted and wired on the frame of the RO

### APPLICATIONS

- PR is required if there is a fixed limit value for permeate conductivity and this may not be exceeded even for a short time
- Suitable for RO units of the series UO-D (FU, CD), UO-S7 KR/FU, UO-D AS/FU and UO-D BW/FU



Schematic drawing PR

### CONDITIONS OF USE

The PR option has to be ordered together with the reverse osmosis unit. The maximum permissible permeate back pressure is 0.8 bar. For higher permeate back pressure, a pressure valve with pressure gauge must be added.

# PR

## Permeate recirculation

### TECHNICAL DATA OF SERIES

Voltage	24 V DC
Material	PVC

Product name	Compatible with	Item number
<b>PR 500/24</b>	UO 120 - 500 (CD), UO-D 120 - 500 (FU, CD)	383 764
<b>PR 2000/24</b>	UO-D 600 - 2,000 (FU, CD), UO-D 450 - 1,650 AS/FU	383 775
<b>PR II 1500/24</b>	UO-D 250 - 1,000 BW/FU	383 464
<b>PR II 3500/24</b>	UO-D 2,500 - 3,500 FU, UO-S7 3,000 - 3,500 KR/FU, UO-D 2,200 - 3,100 AS/FU, UO-D 2,000 - 3,000 BW/FU	383 452
<b>PR II 5000/24</b>	UO-D 4,300 - 5,400 FU, UO-S7 4,000 - 5,000 KR/FU, UO-D 3,800 - 5,000 AS/FU, UO-D 4,500 - 6,500 BW/FU	383 453
<b>PR II 8500/24</b>	UO-D 7,000 - 10,000 FU, UO-S7 6,000 - 8,500 KR/FU, UO-D 6,000 - 8,500 AS/FU	383 454
<b>PR II 10000/24</b>	UO-S7 10,000 KR/FU	383 455
<b>PR II 15000/24</b>	UO-D 12,000 FU, UO-S7 12,000 - 15,000 KR/FU, UO-D 10,000 - 15,000 AS/FU, UO-D 10,000 - 13,500 BW/FU	383 456
<b>PR II 25000/24</b>	UO-D 18,000 - 25,000 AS/FU	383 322
<b>PR II 30000/24</b>	UO-D 30,000 AS/FU	383 323