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.

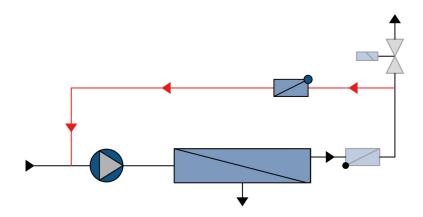
If no water of the required conductivity is provided (e.g. at the start of the reverse osmosis unit), the permeate is not conveyed to the point of use but recycled to the suction side of the pump of the reverse osmosis unit.

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
PR 500/24	UO 120 - 500 (CD), UO-D 120 - 500 (FU, CD)	383 764
PR 2000/24	UO-D 600 - 2,000 (FU, CD), UO-D 450 - 1,650 AS/FU	383 775
PR II 1500/24	UO-D 250 - 1,000 BW/FU	383 464
PR II 3500/24	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
PR II 5000/24	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
PR II 8500/24	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
PR II 10000/24	UO-S7 10,000 KR/FU	383 455
PR II 15000/24	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
PR II 25000/24	UO-D 18,000 - 25,000 AS/FU	383 322
PR II 30000/24	UO-D 30,000 AS/FU	383 323