

BMS/ BMST/ BMSX

HIGH PRESSURE AND REVERSE OSMOSIS SYSTEMS



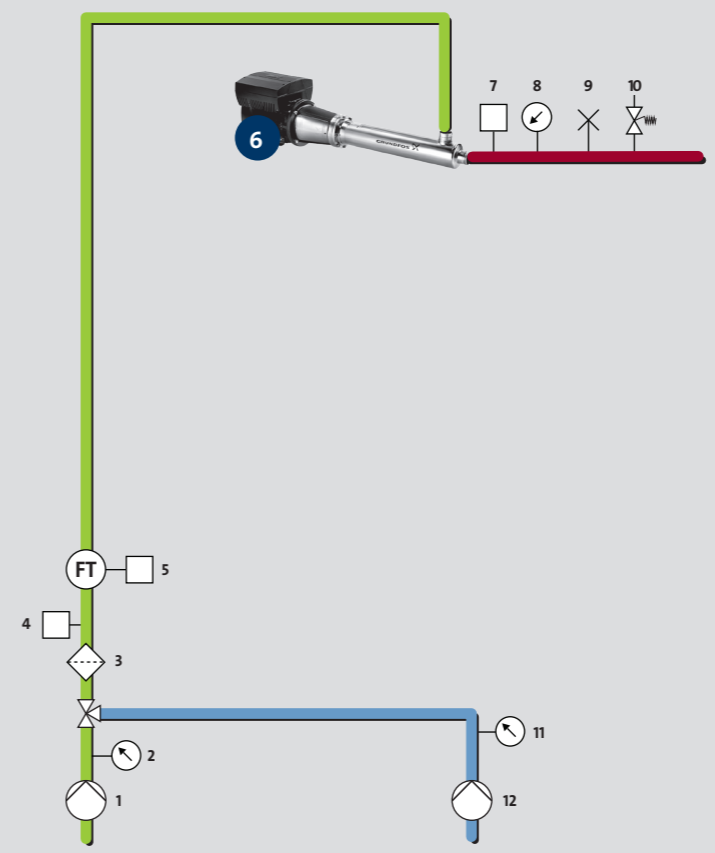
be
think
innovate

GRUNDFOS X

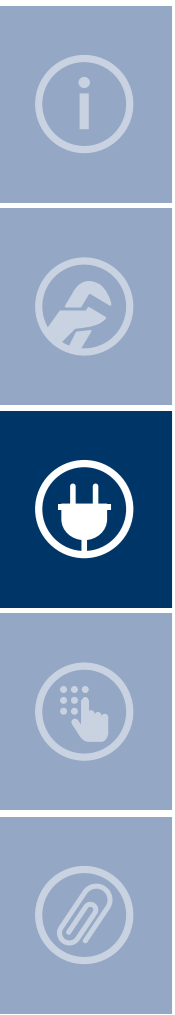


A

BMS hp



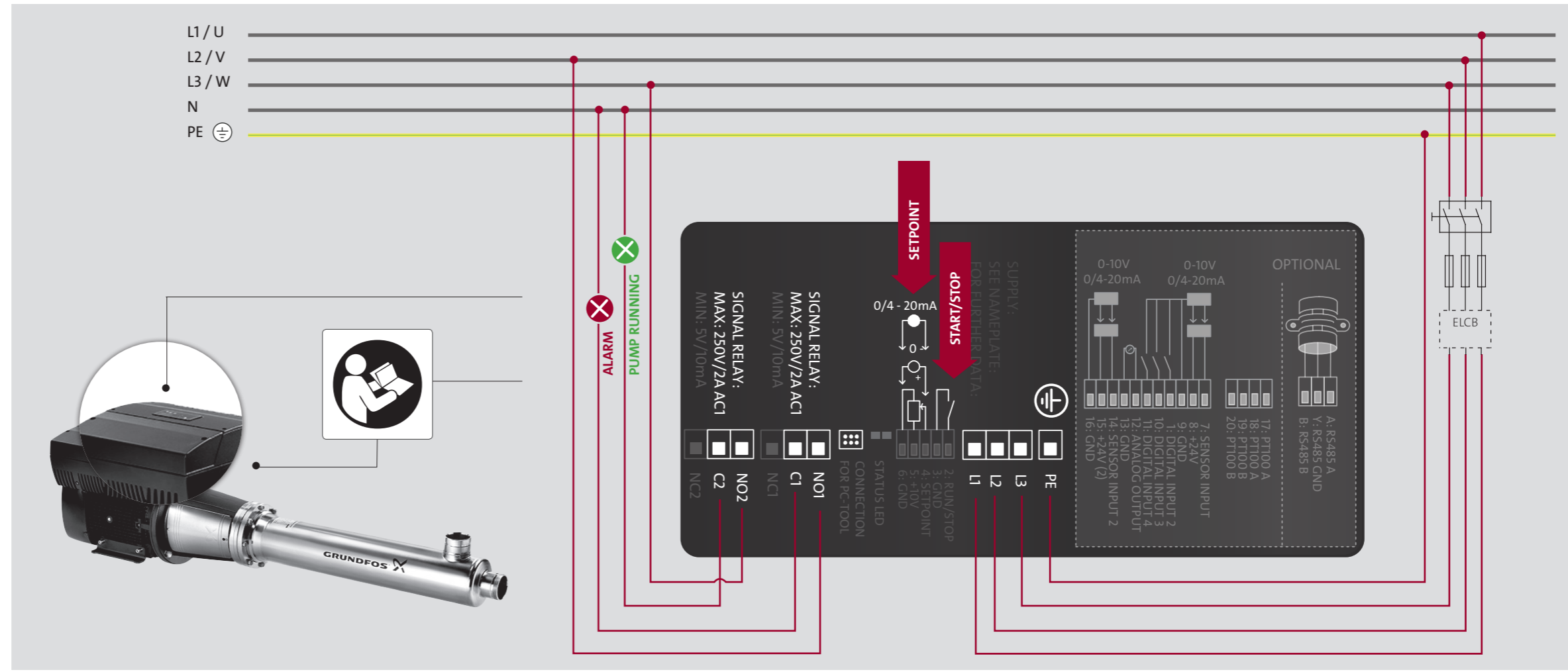
Pos.	Description
1	Raw-water feed pump
2	Pressure gauge (raw water)
3	Filter
4	Low-pressure switch
5	Flowmeter
6	BMS hp pump
7	High-pressure switch
8	Pressure gauge (BMS hp discharge pressure)
9	Air vent
10	Pressure relief valve
11	Pressure gauge (fresh-water pump)
12	Fresh-water flush pump



b BMS hp

1/On

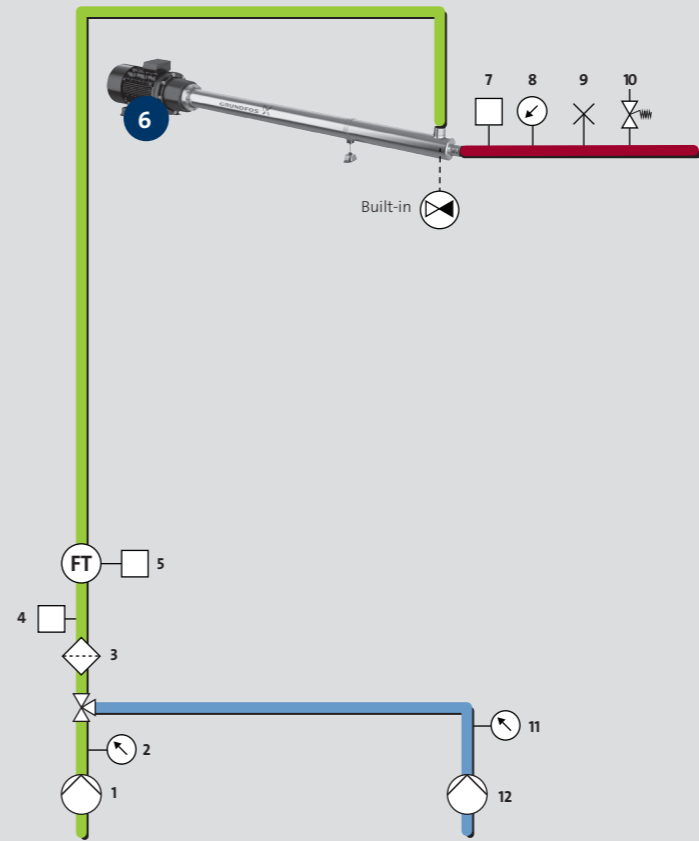
0/Off





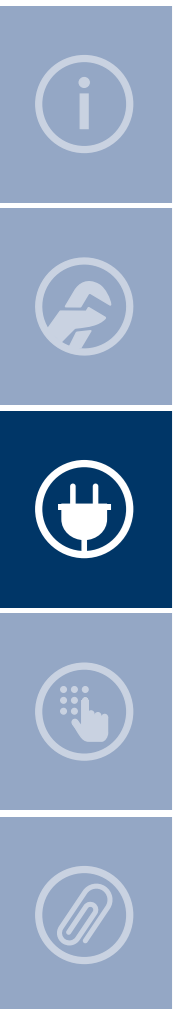
A

BMS hs



Pos. Description

- 1 Raw-water feed pump
- 2 Pressure gauge (raw water)
- 3 Filter
- 4 Low-pressure switch
- 5 Flowmeter
- 6 BMS hs pump (with built-in non-return valve).**
- 7 High-pressure switch
- 8 Pressure gauge (BMS hs discharge pressure)
- 9 Air vent
- 10 Pressure relief valve
- 11 Pressure gauge (fresh-water pump)
- 12 Fresh-water flush pump

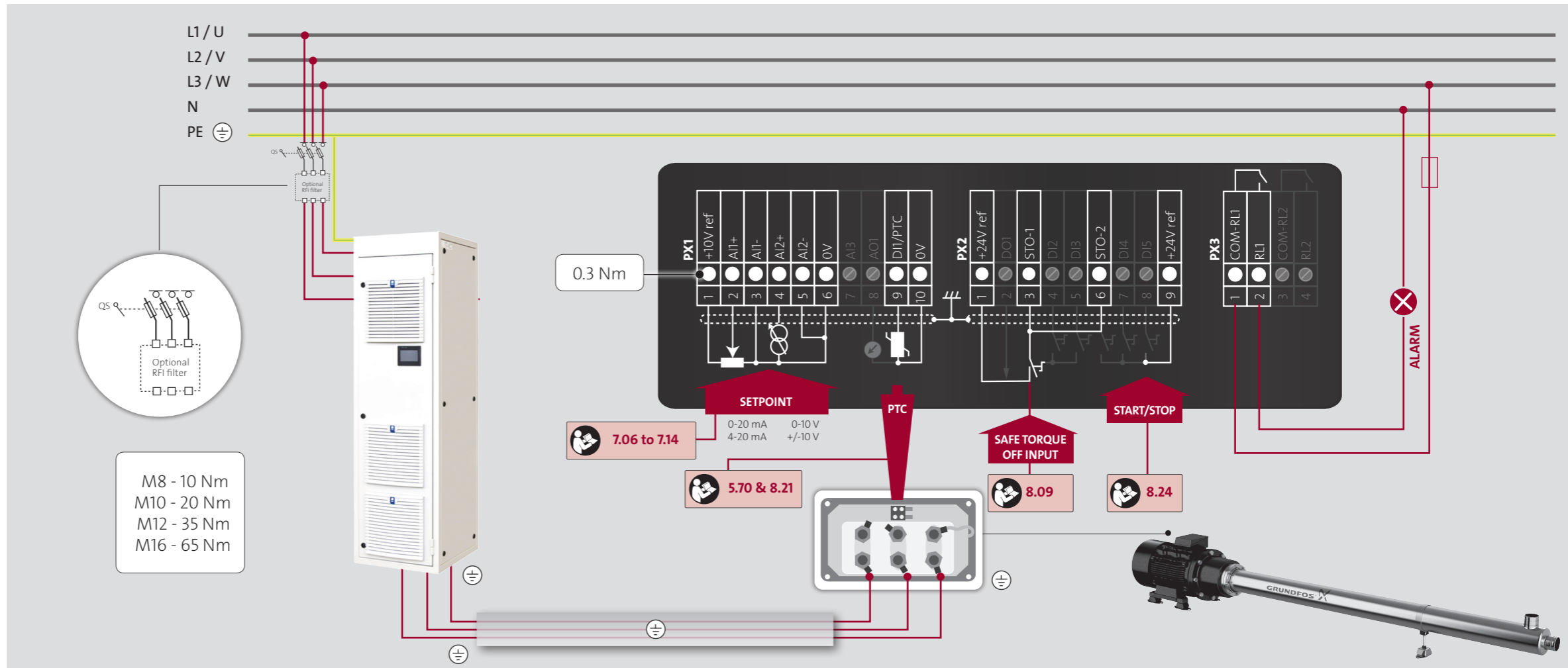


B

BMS hs



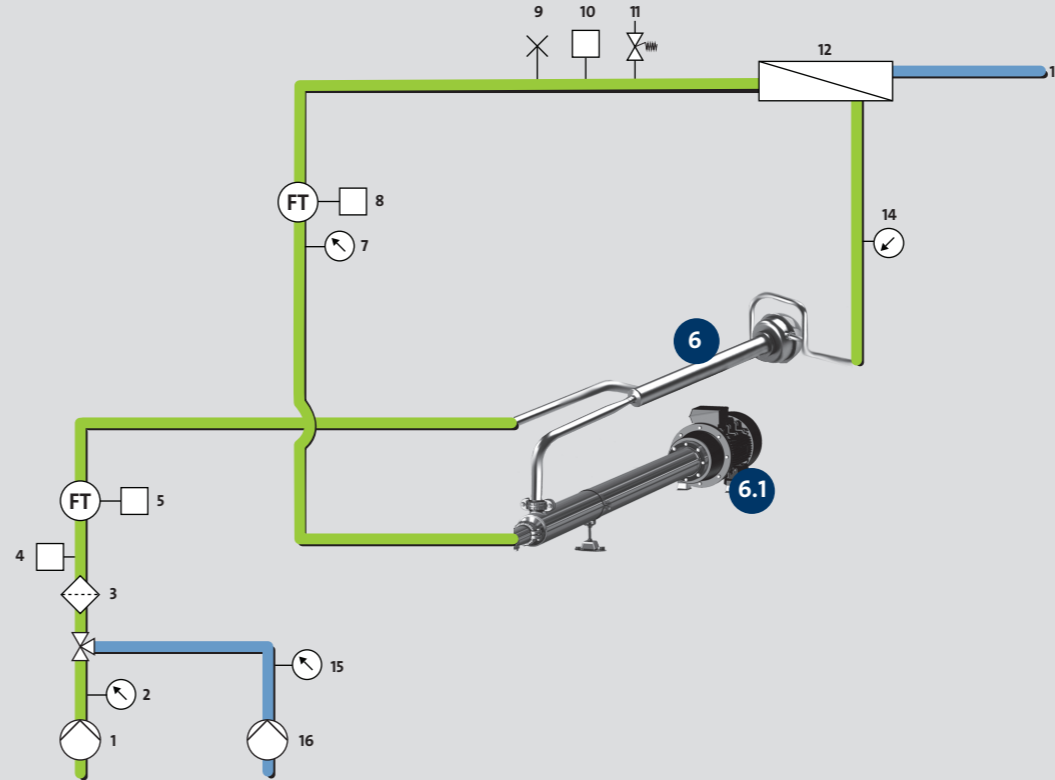
M8 - 10 Nm
 M10 - 20 Nm
 M12 - 35 Nm
 M16 - 65 Nm





A

BMST



Pos. Description

- 1 Raw-water feed pump
- 2 Pressure gauge (raw water)
- 3 Filter
- 4 Low-pressure switch
- 5 Flowmeter
- 6 BMT pump**
- 6.1 BMS hs pump**
- 7 Pressure gauge (BMST discharge pressure)
- 8 Flowmeter
- 9 Air vent
- 10 High-pressure switch
- 11 Pressure relief valve
- 12 Membrane filter
- 13 Permeate
- 14 Pressure gauge (high-pressure concentrate)
- 15 Pressure gauge (fresh-water pump)
- 16 Fresh-water flush pump

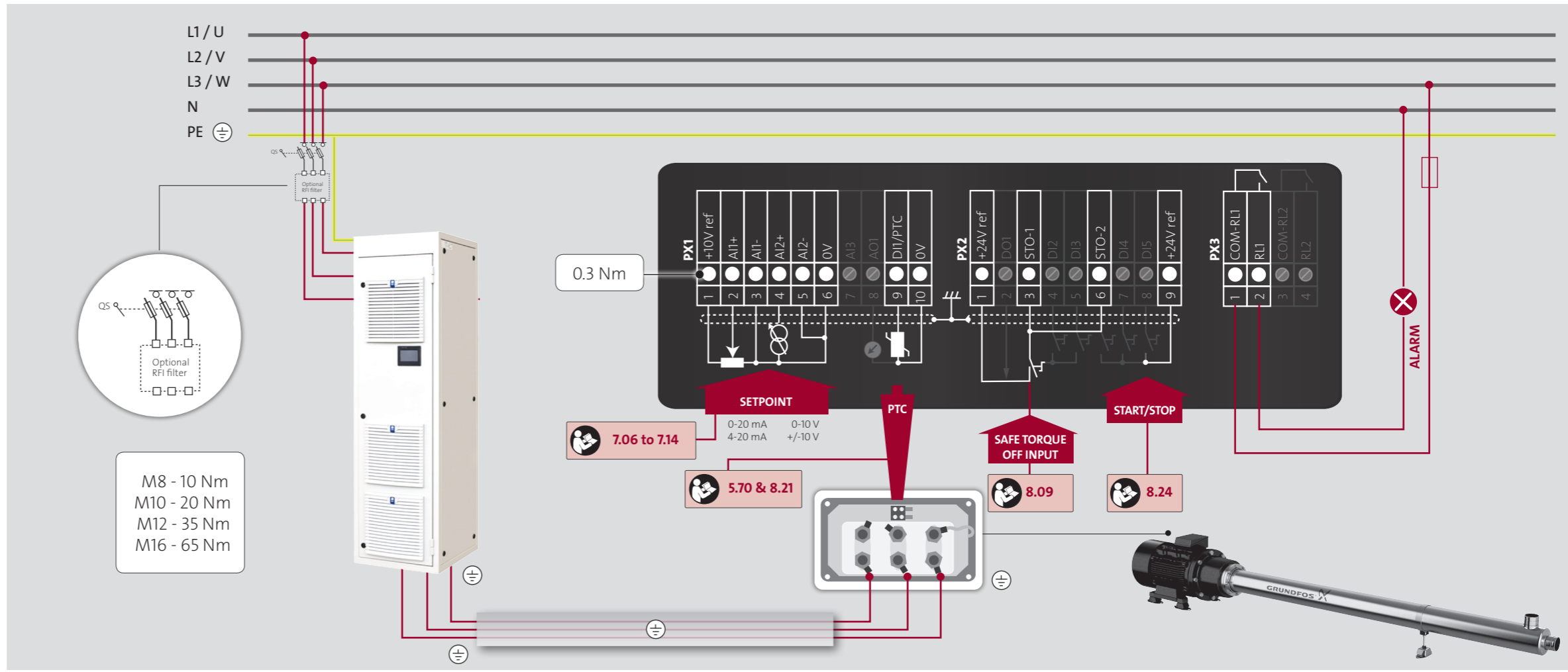


C

BMST

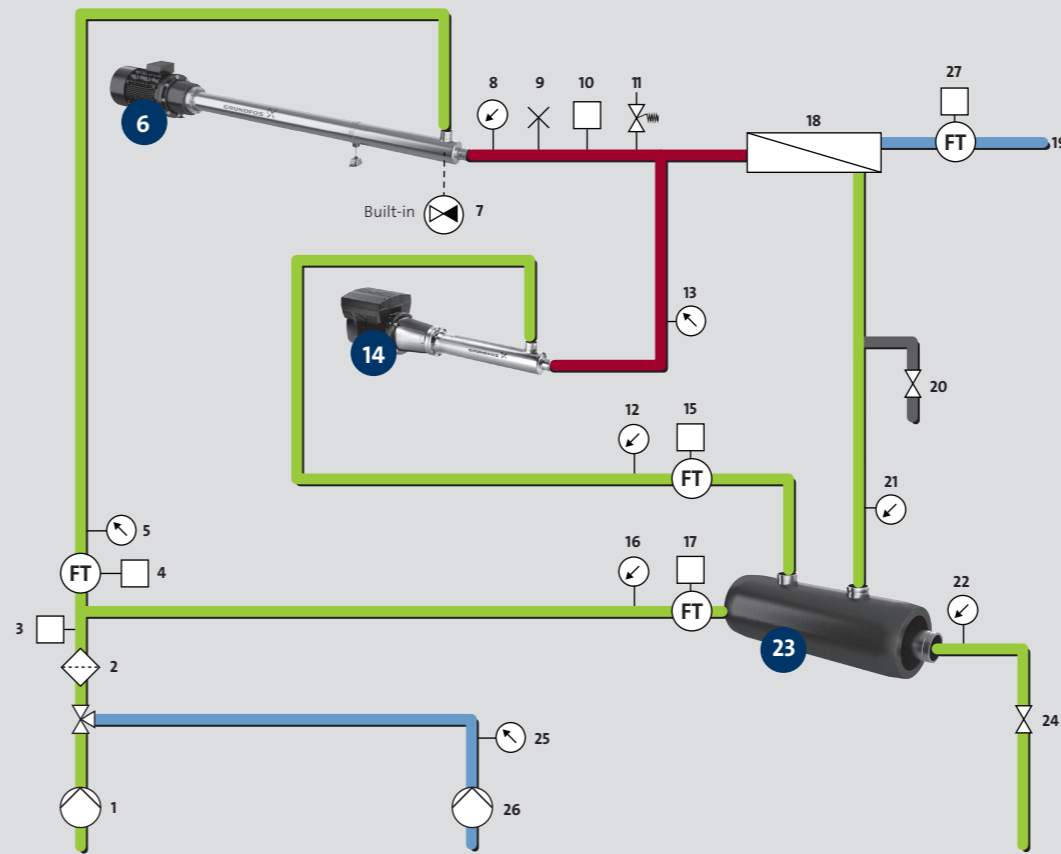


M8 - 10 Nm
M10 - 20 Nm
M12 - 35 Nm
M16 - 65 Nm

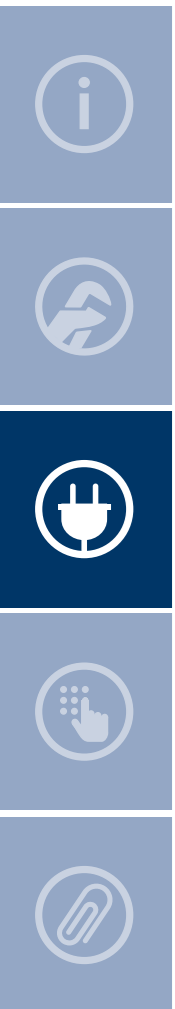


**A**

BMSX

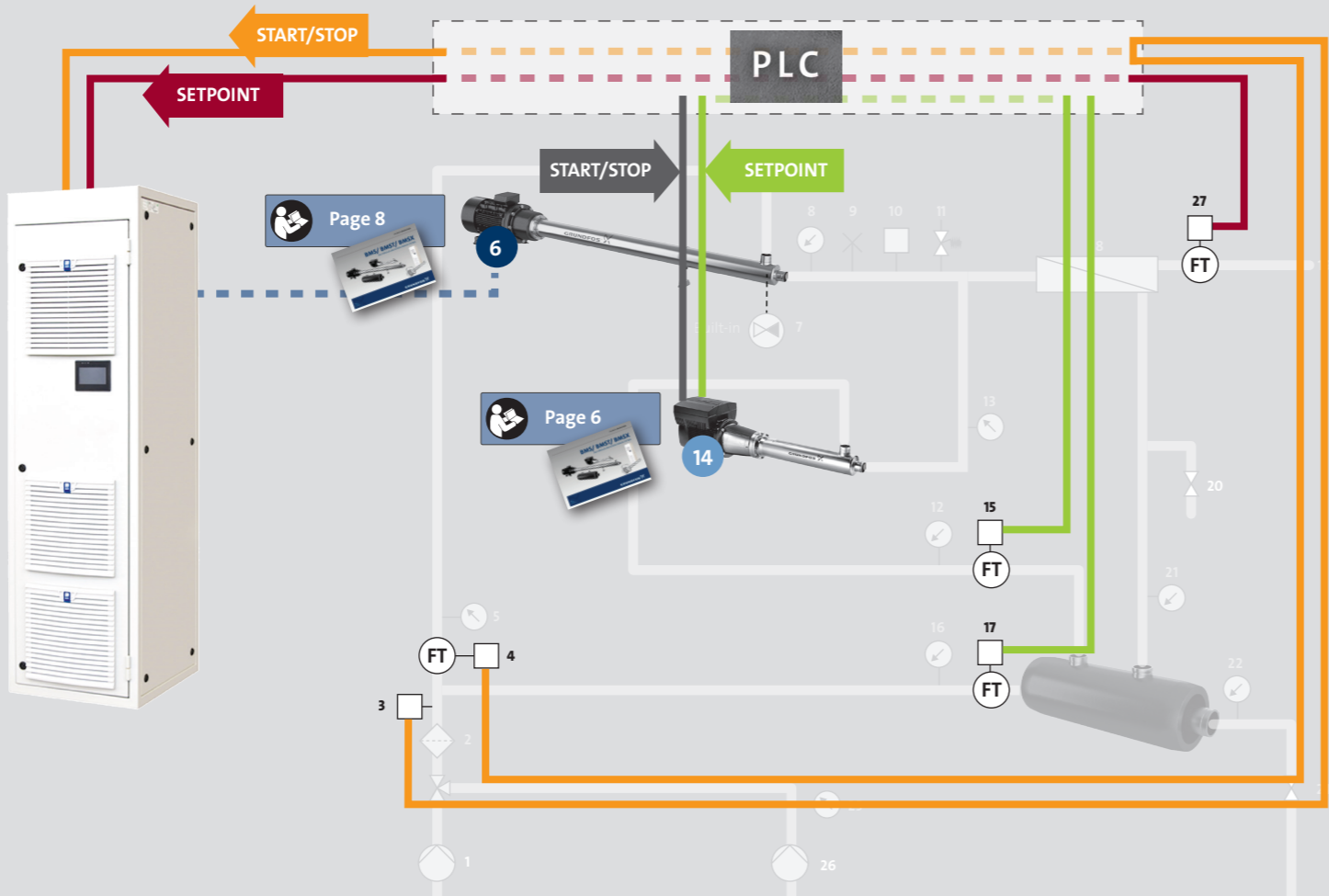


Pos.	Description
1	Raw-water feed pump
2	Filter
3	Low-pressure switch
4	Flowmeter
5	Pressure gauge (raw water)
6	BMS hs pump (with built-in non-return valve).
7	Non-return valve
8	Pressure gauge (BMS hs discharge pressure)
9	Air vent
10	High-pressure switch
11	Pressure relief valve
12	Pressure gauge (BMS hp inlet pressure)
13	Pressure gauge (BMS hp discharge pressure)
14	BMS hp pump
15	Flowmeter (high-pressure raw water)
16	Pressure gauge (low-pressure raw water)
17	Flowmeter (low-pressure raw water)
18	Membrane filter
19	Permeate
20	Cleaning flush valve.
21	Pressure gauge (high-pressure concentrate)
22	Pressure gauge (low-pressure concentrate)
23	Pressure exchanger
24	Concentrate valve
25	Pressure gauge (fresh-water pump)
26	Fresh-water flush pump
27	Flowmeter



B

BMSX

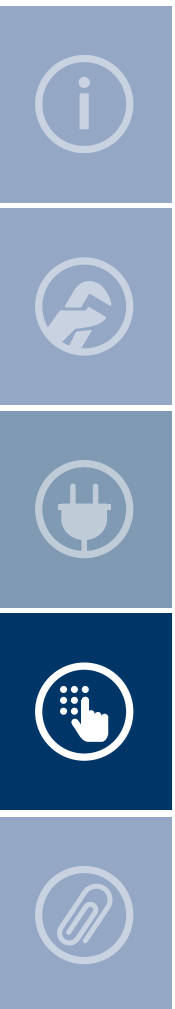


Pos.	Description
1	Raw-water feed pump
4	Flowmeter
6	BMS hs pump (with built-in non-return valve).
10	High-pressure switch
14	BMS hp pump
15	Flowmeter (high-pressure raw water)
17	Flowmeter (low-pressure raw water)
26	Fresh-water flush pump
27	Flowmeter

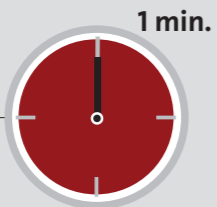
C

BMSX

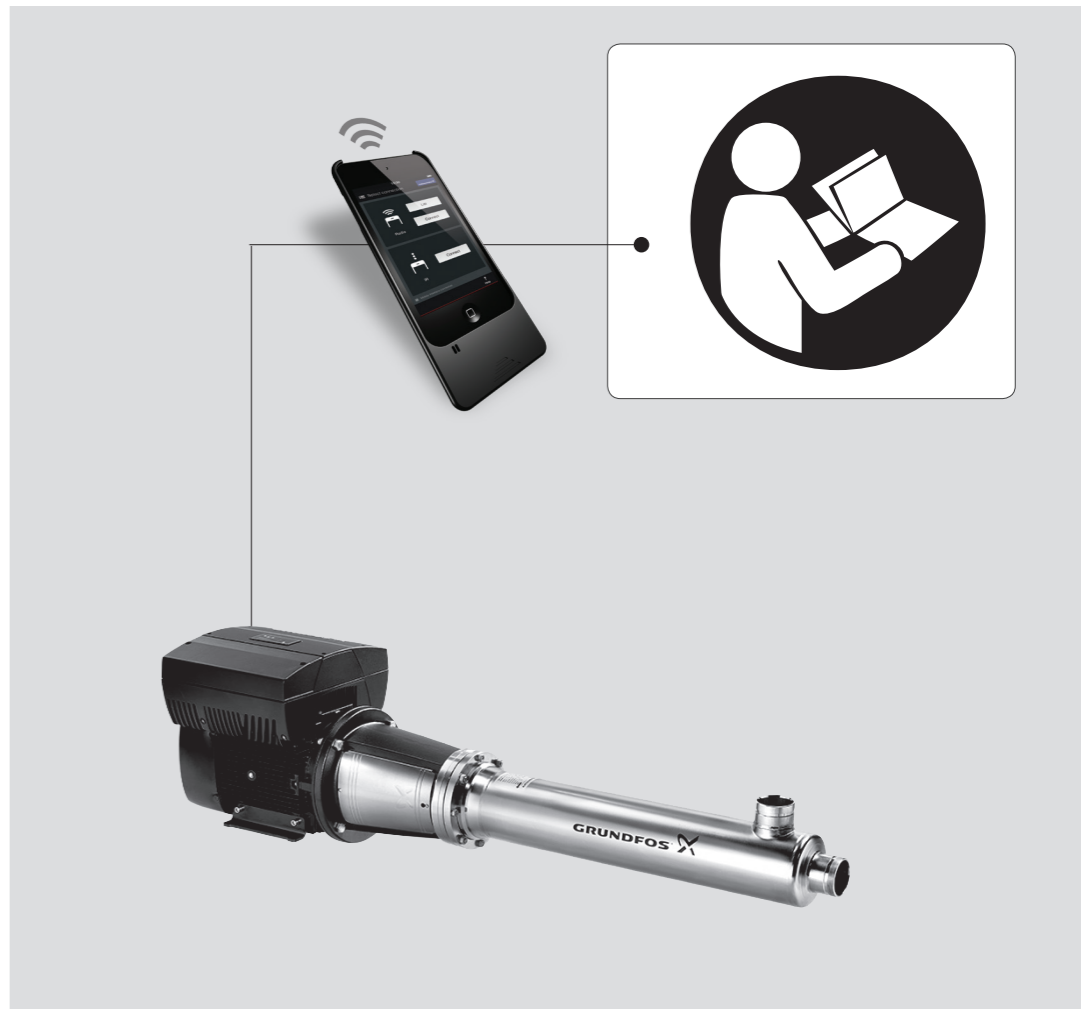




D



MDX commissioning software



GRUNDFOS Holding A/S

Poul Due Jensens Vej 7
DK-8850 Bjerringbro
Tlf.: +45-87 50 14 00

98737800 1014

ECM: 1140908

be think innovate

GRUNDFOS 

The name Grundfos, the Grundfos logo, and the payoff be think innovate are registered trademarks owned by Grundfos Holding A/S or Grundfos A/S, Denmark. All rights reserved worldwide.