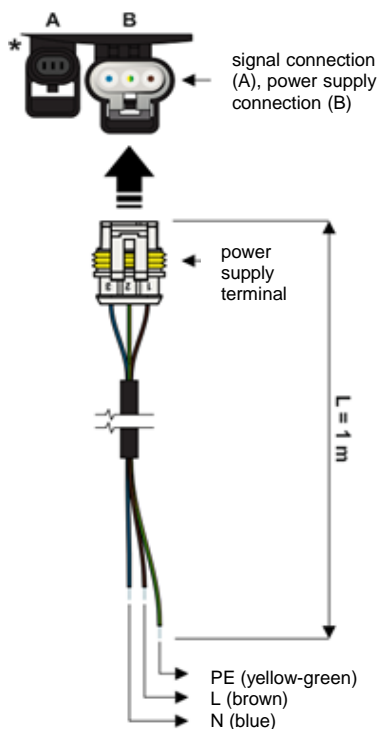


M2 UPM3 Pump Station

M2 Pump Station



Connection of UPM3 Auto L pump



* PWM control is not supported by UPM3 Auto L pump

Main features

Application	for mixed heating circuits
Description	consists of UPM3 Auto L 25-70 high-efficiency pump, 3 ball valves with union nut and 2 thermometers
Code	14156

Pump station data

Fluid working temperature	2 - 110 °C
Max. working pressure	10 bar
Max. power input	52 W
Max. ambient temperature	70 °C
Max. relative humidity	95 % non condensing
Power supply	230 V, 50 Hz
Insulation material	EPP
Overall dimensions	400 x 260 x 170 mm
Center-to-center pipe distance	125 mm
Total weight	6,1 kg
Connection	4 x G1" F

UPM3 Auto L Pump

Electric data

Power supply	230 V, 50 Hz
Power input (min./max.)	5/52 W
Current (min./max.)	0,07/0,52 A
IP rating	IP44
Max. rpm	5766 rpm
Weighted average power	≤ 25 W
Energy Efficiency Index	≤ 0,20 by EN 16 297/3
Motor protection	not needed

Min. pressure at pump suction port

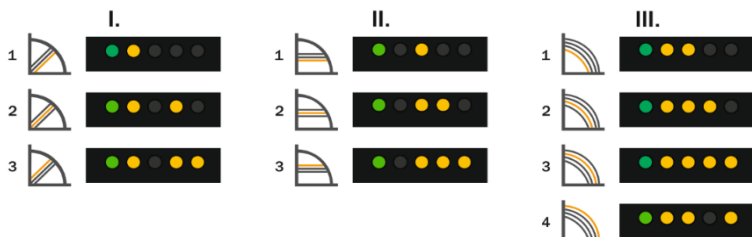
Min. pressure at suction port as cavitation prevention	0.5 mH ₂ O at 75 °C 5.1 mH ₂ O at 95 °C 11 mH ₂ O at 110 °C
--	--

Operation data

Fluid working temperature	2 - 110 °C
Max. working pressure	10 bar
Ambient temperature	0 - 70 °C
Max. relative humidity	95 % non condensing

Power supply cable with terminal included.

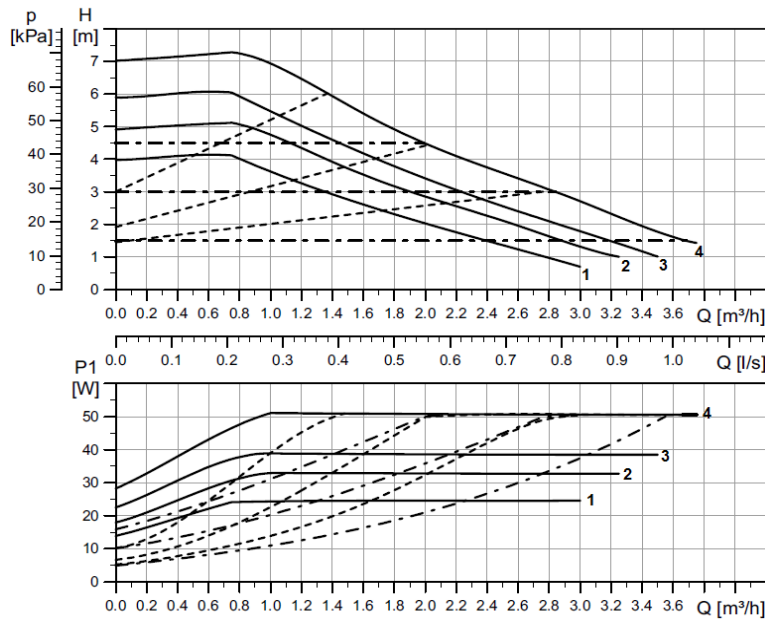
Performance view during pump operation




I.) proportional pressure
II.) constant pressure
III.) constant speed

M2 UPM3 Pump Station

Performance curves for UPM3 Auto L



Curve	Max. H (upper graph)	Max. P ₁ (lower graph)
1	4 m	25 W
2	5 m	33 W
3	6 m	39 W
4	7 m	52 W

 a
 b
 c

a) constant speed
 b) proportional pressure
 c) constant pressure