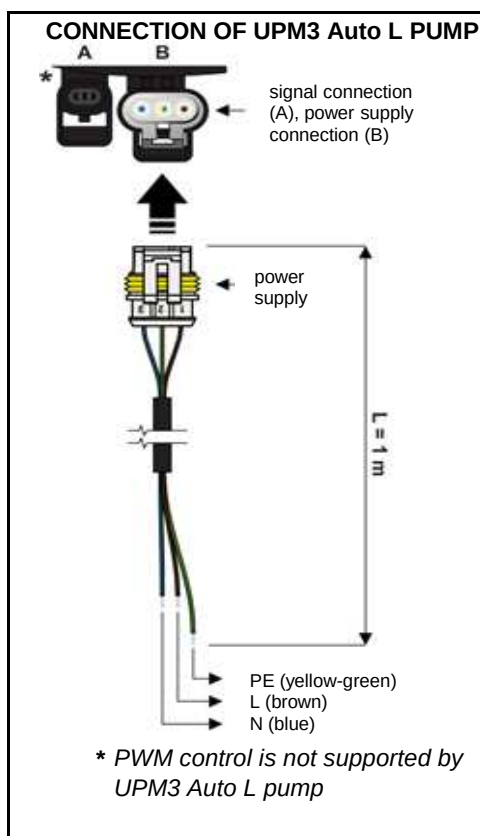


M2 MIX 3 Pump Station



Application	for mixed heating circuits
Description	consists of UPM3 Auto L 25-70 high-efficiency pump, mixing valve and ball valves with thermometers
Code	14 157

Pump station data	
Fluid operating 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 distance	125 mm
Total weight	6,2 kg
Connection	4 x G1" F

1. 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. speed	5766 rpm
Weighted average power	≤ 25 W
Energy Efficiency Index	≤ 0,20 dle EN 16 297/3
Motor protection	not needed

Min. pressure at pump suction port

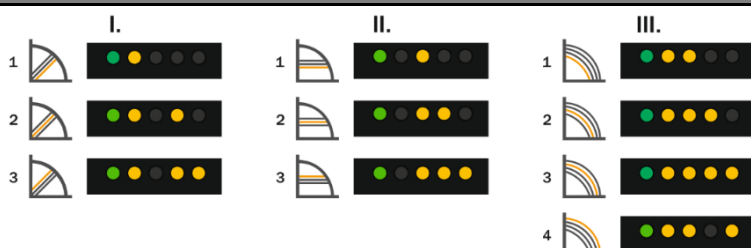
Min. pressure at suction	0,05 bar	at	75 °C
port as cavitation	0,5 bar	at	95 °C
prevention	1,08 bar	at	110 °C

Operation data

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

Power supply cable with terminal included.

Performance view during operation



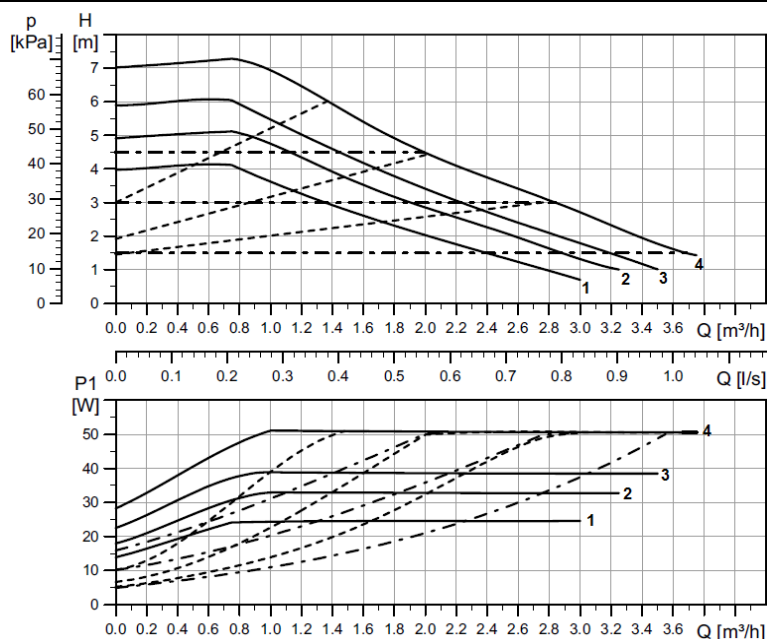
I.) proportional pressure

II.) constant pressure

III.) constant speed

M2 MIX 3 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

MIXING VALVE KIT



2. 3-way mixing valve

Technical data

Max. operating temperature 110 °C

Max. working pressure 10 bar

Valve Kvs 10 m³/h

Leakage rate max. 0,05 % from Kvs

Mixing valve pressure drop diagram

