Technical data sheet

Concept

Universal peristaltic dosing pump with built-in GLC speed regulation. Wide range of settings and control functions.

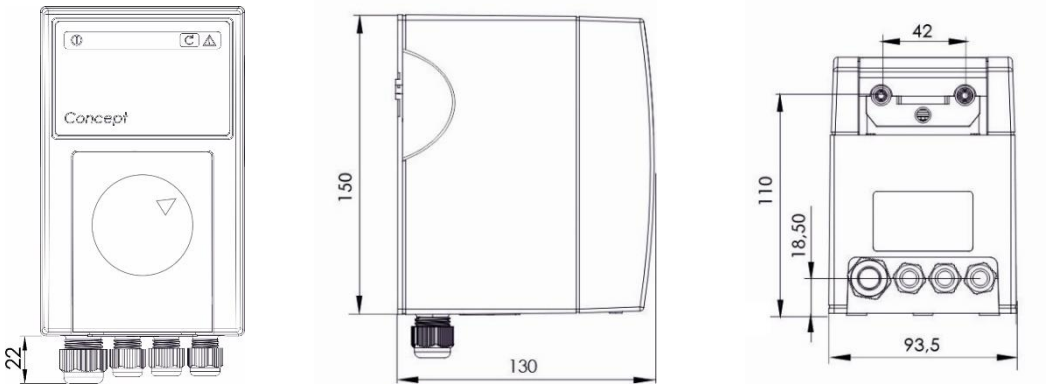
The pump can be operated in standalone mode or via dosing systems that have their own intelligent control systems.

Performance data	Maximum flow rate:	250 ml/min PS 136-6.4x2.4 PH, 0.5 bar max.
	Min. flow rate:	0.08 ml/min PS 138-0.8x1.6 PH, 3.7 bar max.
	Duty cycle < 1/3 speed:	100% / h
	Duty cycle > 1/3 speed:	50% / h
Electrical data	Operating voltage:	230 V AC ±10%
	Frequency:	50-60 Hz
	Input power:	20 VA
	Input current:	80 mA
	Protection class:	IP 65
	Frequency pulse operation f_{pulse}:	10 Hz
	Minimum duration t_{min} pulse control at control input:	400 ms
Mechanical data	Dimensions:	93.5 x 150 x 130 mm
	Weight:	Approx. 1.2 kg
Ambient conditions	Ambient temperature range:	+10 ... +50 °C
	Environmental stress:	Conforms to DIN EN 60068-2-38

Configuration

Device:	Buttons on device
Dosing control:	One speed One speed with container empty signal Two fixed speeds Two runtimes, status controlled Two runtimes, pulse controlled Two runtimes, pulse controlled, with filling function One runtime with speed 1-25%, status controlled One runtime with speed 1-25%, pulse controlled One runtime with speed 1-25%, pulse controlled, with filling function One runtime, one speed 1-25%, status controlled One runtime, one speed 1-25%, pulse controlled One runtime and one speed 1-25%, pulse controlled, with filling function Interval, runtime/pause Proportional dosing with flow meter Proportional dosing with frequency signal Conductivity control with ILFS 02 / ILFD 02 Client device in a dosing system

Dimensions



Products	**Designation**
Pump	Concept

Usable pump tubes

Pump tube	**Operating pressure**	**Recommended flow rate***
PS 136-4.8x2.4 PH	2.0 bar	2.0 ... 150 ml/min
PS 136-6.4x2.4 PH	0.5 bar	3 ... 250 ml/min
PS 138-3.2x1.6 PH	2.0 bar	0.83 ... 4.5 ml/min
PS 138 1.6x1.6 PH	3.0 bar	0.25 ... 1.25 ml/min
PS 138-0.8x1.6 PH	3.7 bar	0.08 ... 0.4 ml/min

* Duty cycle 50%/h at more than 1/3 of maximum flow rate based on the respective pump tube