DATA SHEET

PE 5100

Peristaltic pump

Sauermann® part #: PE5100SIUN23

Compact pump

The peristaltic pump is controlled by 2 thermal probes. When the temperature difference has fallen below 6 °C, the pump runs. It stops 3 minutes after the temperature difference is fallen below 6 °C.
This pump must not be used in continuous run.

Benefits

High performance

- High discharge head up to 12 m.
- Low noise level.

Easy and quick maintenance

- Its replaceable head and easy access tube reduce maintenance costs.

Easy to install

- Compact design.
- IP65 protection allows installation without ventilation.

Kit content

- Peristaltic pump PE5100
- Cable: 1.7 m, including 2 wires for power supply (P & N)
- 2 thermal probes with 3.5 m cable:
  - Red cap for ambient air
  - Blue cap for fresh air
- Easy "1 screw" sliding plastic bracket
- Ø 15 mm to Ø 6 mm adaptor + pale yellow rubber (Ø 15 x 35 mm) - (PE5003)

Technical specifications

Max. flow rate	6 l/h
Max suction head	2 m
Max discharge head	12 m
Sound level in application at 1m (Measured in Sauermann acoustic lab, pump operating with water)	≤ **30 dBA**
Mains supply	230 V~ 50 Hz - 11 W
Insulation class	(double insulation)
Detection type	2 thermal probes
Protection	IP65
Pump dimensions	L 109 x W 110 x H 91 mm
Safety standards	CE & EAC
RoHS directive	Compliant
WEEE directive	Compliant
Packaging	1.15 kg
Masterpack	16 pieces

Applications

For use with any air-conditioning units up to 8 kw:

- Wall mounted
- Computer room air conditioning
- Ceiling suspended
- Ducted

Accessories

	Name	#Pat
	**Clear PVC hose** Ø int. 6 mm (1/4")	ACC00909 (5 m) ACC00910 (50 m) ACC00914 (Braided, 50 m)
	**Float detector** used to operate an additional alarm or to witch on the pump	ACC00601
	**Replacement head** For PE5000; PE5100 and PE5200	PE5001
	**6 self-sealing** fittings for hose Ø int. 6 mm (1/4")	ACC00919
	**Replacement hose** For PE5000,PE5100 and PE5200	PE5002

Actual flow rate (l/h)

		Total tube length (Ø int. 6 mm; 1/4")
Max suction head	**Max discharge head**	**The discharge flow is constant whatever the discharge or the suction head**
2 m	12 m	6