

Peristaltic pump DULCOFLEX DFXa

A peristaltic pump that brings together the best qualities of ProMinent metering pumps.




DULCOFLEX DFXa meters outgassing, viscous, abrasive or shear-sensitive media and is setting new standards in metering. Linear and reproducible metering ($\pm 1\%$) is guaranteed with this peristaltic pump under all process conditions. Hose replacement is a very simple process.

Technical Details

- Illuminated 3" LCD and 3-LED display for operating, warning and error messages, visible from all sides
- Adjustable feed rate between 65 l/ and 6 ml/h
- Connector for 2-stage level switch or continuous level measurement
- 3 additional freely configurable inputs and outputs on one port
- Optional 0/4–20 mA output for remote transmission of actual dosing rate and error messages
- Optional relay module with 1 x switch-over contact, 230 V – 8 A
- Optional relay module with 2 x On, 24 V – 100 mA
- Pump is available as an FDA design
- DULCONNEX-capable
- Connection to process control systems via fieldbus interfaces, such as PROFIBUS®, PROFINET, CANopen or Modbus RTU
- CIP (cleaning in place)-enabled system
- Reverse flow is possible



 ProMinent Webshop

Peristaltic pump DULCOFLEX DFXa

A peristaltic pump that brings together the best qualities of ProMinent metering pumps.

Technical Data

Type	Maximum back pressure	Delivery rate	Frequency	Connector size	Suction lift	Shipping weight
	bar			outer Ø x inner Ø	m WC	kg
0518	5	6 ml/h...18 l/h	100	12 x 9	9	5.8
0530	5	10 ml/h...30 l/h	100	12 x 9	9	5.8
0730	7	10 ml/h...30 l/h	100	12 x 9	9	5.8
0565	5	22 ml/h...65 l/h	100	12 x 9	9	5.8

Hose material: Thermoplastic vulcanisate (TPV), polyurethane (PUR)

Hose connectors: PVDF/PTFE

Metering reproducibility: ±1% with retracted hose (after approx. 200 revolutions)

Electrical connection: 100 - 230 V ±10%, 50/60 Hz

Nominal power: approx. 50 W

Degree of protection: IP 66, NEMA 4X Indoor

Permissible ambient temperature: 0 ... 45 °C

Viscosities: The DFXa0530VPT and DFXa0565VPT have successfully metered viscosities of up to 200,000 mPas in testing. If metering media with higher viscosities, it is important that you use solid pipework with a large diameter (DN 10). The pipes should also be as short as possible.

All data calculated with water at 20 °C.