

Peristaltic pump DULCOFLEX - DFXa

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

ProMinent®



Feed rate of 6 ml/h to 65 l/h at up to 7 bar back pressure

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



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Technical Data

Type	Maximum back pressure bar	Pump capacity	Max. speed rpm rpm	Connector size o Ø x i Ø	Suction lift m WC	Intake head m WC	Shipping weight kg
0530	5	10 ml/h – 30 l/h	100	12 x 9	9	9	5.8
0730	7	10 ml/h – 30 l/h	100	12 x 9	9	9	5.8
0565	5	22 ml/h – 65 l/h	100	12 x 9	9	9	5.8
0365	3	22 ml/h – 65 l/h	100	12 x 9	9	9	5.8

Hose material:	Thermoplastic vulcanisate (TPV), polyurethane (PUR)
Hose connectors:	PVDF/PTFE
Metering reproducibility:	±2% 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

All data refers to water at 20 °C

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