Peristaltic pump DULCOFLEX - DFXa

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

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 (± 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

DULCONNEX

www.prominentfluid.com.au

Peristaltic pump DULCOFLEX - DFXa

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

Technical Data

Type	Maximum back pressure	Pump capacity	Max. speed rpm	Connector size	Suction lift	Intake head	Shipping weight
	bar		rpm	o Ø x i Ø	m WC	m WC	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