

DULCO flex Control DFXa

Peristaltic pump

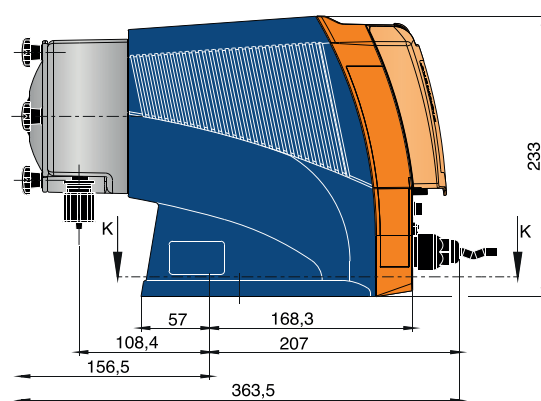
A peristaltic pump that brings together the best qualities of ProMinent metering pumps.

The DULCO flex Control - DFXa meters gaseous, viscous, abrasive or shear-sensitive media and is setting new standards in metering. Linear and reproducible metering is guaranteed with this peristaltic pump under all process conditions. Hose replacement is a very simple process.

- Capacity range
0.01 – 30 l/h, up to 7 bar
- Adjustment of the metering rate directly in l/h or gph
- Simple hose change
- No problems with very gaseous media or air locks
- Sole contact with media in the hose
- Many different control options, such as using an analogue 0/4-20 mA signal, contact controller, timer or via process control systems
- Suitable for viscosities of up to 200,000 mPas



DULCO flex Control DFXa



Pump type	Pump capacity bar	l/h	Speed rpm	Suction lift mWS	Priming lift mWS	Connector size a Ø x i Ø mm
DULCO®flex Control DFXa						
0730	7	0.01 - 30	100	9	9	12 x 9
0530	5	0.01 - 30	100	9	9	12 x 9

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Peristaltic metering pump DULCO flex Control

Versatile and clever

Strong outgassing, highly viscous, abrasive, shear sensitive or chemically aggressive? Fluids that place high demands on pumps. If you want to achieve the accuracy of a dosing pump in these applications and take advantage of the benefits of a peristaltic pump, then you have two worlds in common: the world of dosing pumps and those of peristaltic pumps.

ProMinent achieves this with its new peristaltic pump Dulcoflex Control:

Versatile: Making full use of the properties of a peristaltic pump and clever: It dispenses with the accuracy of a diaphragm metering pump.

The new Dulcoflex Control extends the ProMinent portfolio with a new intelligent peristaltic metering pump. The new pump meters reliably 10 ml/h up to 30 l/h at up to 7 bar. A brushless three-phase motor forms the heart of the Dulcoflex Control. Its ingenious control provides for precise metering and reduced pump capacity with continuous metering up to 10 ml/h. Linear and reproducible metering is guaranteed with this peristaltic pump under all process conditions.

The new peristaltic pump is also IoT-enabled, meaning that it is fully connectible and can be connected to ProMinent's in-house developed DulconneX platform, which enables it to work even smarter.

Straightforward replacement of the tube

The unique changing technique developed by ProMinent enables the quick and straightforward replacement of the tube totally without the need for a tool.

The display provides the fitter with precise instructions about the steps to be completed when replacing the hose. The thermoplastic elastomer high-performance hose used guarantees exceptional chemical resistance and a

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long service life. The order information required for replacement of the hose can be found on the pump's operating menu. The intuitive user interface with clickwheel ensures the simple operation of the peristaltic pump.



The peristaltic metering pump DULCO flex Control has a capacity of 10 ml/h up to 30 l/h at up to 7 bar. The unique changing technique developed by ProMinent enables the quick and straightforward replacement of the tube totally without the need for a tool.



With a capacity range of 10 ml up to 30 l/h at up to 7 bar, the peristaltic metering pump DULCO flex control opens numerous new fields of application. An additional highlight of the new DULCO flex control is its extended connectivity. As part of the new DULCONneX solution for the digital fluid management, the solenoid-driven metering pump includes integrated PROFIBUS and CANopen interfaces for the connection to process control systems. Thus, the pump allows to monitor, analyze and optimize metering processes with ease.