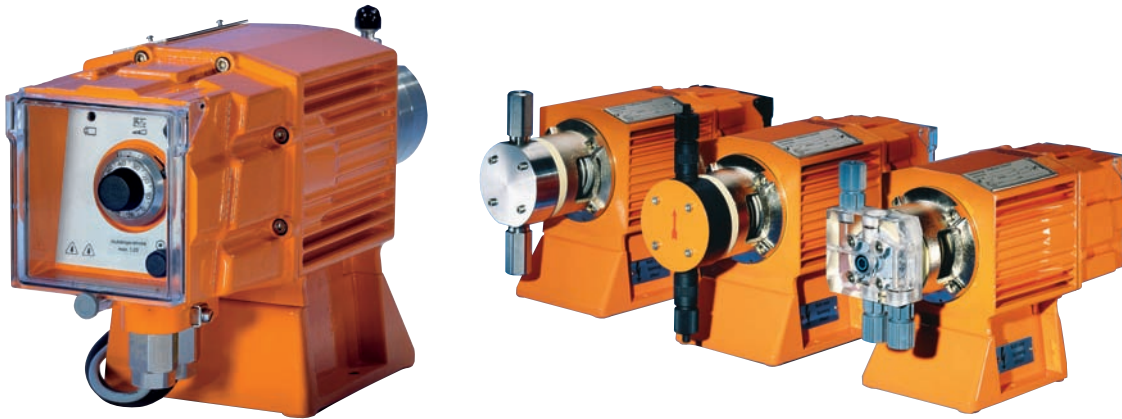


Precise Metering with Explosion Protection

Metering Pumps ProMinent EXtronic®



The metering pumps of the ProMinent EXtronic® series are optimally qualified for the sensitive area of application for liquid media in explosive operating sites. These pumps are available in the versions EXBb_G for use in explosive operating sites of zone 1, group II, as well as EXBb_M for firedamp-endangered mining operations, group I. Their suitability is confirmed by tests and approvals according to the new EU EX directive 94/9/EU (ATEX) for the metering of liquid media in gas-explosive operating sites and firedamp-endangered mining operations.

Advantages

- Output range of 0.19 l/h to 60 l/h at backpressures of up to max. 25 bar
- Suitable for operating voltages of up to 500 V
- High operating and functional safety thanks to microprocessor control which compensates mains voltage fluctuations and automatically switches from 50 to 60 Hz operation
- The short-stroke solenoid drive and the complete pump control are integrated in the pump housing
- The drive is explosion protected and with opened front cover possesses a protection against contact and moisture of IP 65 according to DIN 40050

Features

- The control inputs “external contact” and “analogue” are available intrinsically safe and approved according to EN 50020
- Highest safety and smooth operation even under the most enduring conditions thanks to the liquid ends alternatively available in the materials plexiglass, polypropylene, PTFE Teflon® or stainless steel 1.4404
- Liquid ends made of plexiglass and PVC for outgassing media
- For the delivery unit, the proven DEVELOPAN® metering diaphragm with PTFE coating is used