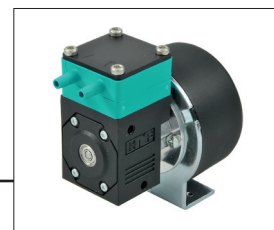


# Product Range

## Diaphragm Liquid Pumps and Metering Pumps

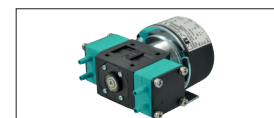
OEM Models



## Diaphragm Liquid Pumps

| Type                    | Flow rate<br>at atm. conditions | Suction height | Pressure head |
|-------------------------|---------------------------------|----------------|---------------|
| Order-No                | (l/min)                         | (mWg)          | (mWg)         |
| NF 5                    | 0.07                            | 4              | 10            |
| NEW NF 1.5              | 0.06                            | 3              | 60/100        |
| NF 10/11                | 0.1                             | 3              | 10            |
| NF 1.11                 | 0.1                             | 3              | 60            |
| NF 1.30                 | 0.17                            | 5              | 60            |
| NF 25                   | 0.25                            | 3              | 10            |
| NEW NF 1.25             | 0.3                             | 3              | 60/100        |
| NF 30 <sup>1)</sup>     | 0.3                             | 6              | 10            |
| NF 60                   | 0.6                             | 3              | 10            |
| NF 1.60                 | 0.65                            | 3              | 60            |
| NF 100 <sup>1)</sup>    | 1.2                             | 3              | 10            |
| NF 1.100 <sup>1)</sup>  | 1.3                             | 3              | 60            |
| NF 300 <sup>1)</sup>    | 3                               | 3              | 10            |
| NF 1.300 <sup>1)</sup>  | 3                               | 3              | 60            |
| NF 600 (4 pump heads)   | 6                               | 3              | 10            |
| NF 1.600 (4 pump heads) | 6                               | 3              | 60            |

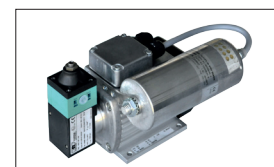
<sup>1)</sup> Technical options: with integral over-pressure relief-valve system (.27), see data sheet



## Double headed Diaphragm Liquid Pumps

|        |        |   |    |
|--------|--------|---|----|
| NFB 30 | 2x 0.3 | 6 | 10 |
| NFB 60 | 2x 0.6 | 3 | 10 |

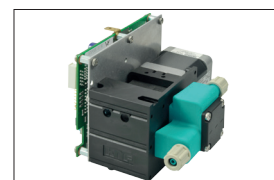
## Diaphragm Liquid Pumps for potentially explosive atmospheres (ATEX)



|                           |     |     |    |
|---------------------------|-----|-----|----|
| NF 1.100_Ex <sup>1)</sup> | 1.2 | 2.5 | 40 |
| NF 1.300_Ex <sup>1)</sup> | 3   | 2.5 | 40 |

<sup>1)</sup> Technical options: with integral over-pressure relief-valve system (.27), see data sheet

## Micro-Diaphragm Metering Pump with Microprocessor



| Type     | Flow rate<br>at atm. conditions | Suction height | Pressure head |
|----------|---------------------------------|----------------|---------------|
| Order-No | (ml/min)                        | (mWg)          | (mWg)         |
| FEM 1.03 | 0.03 - 30                       | 4              | 60            |
| FEM 1.08 | 0.08 - 80                       | 3              | 40            |

## with 2 phase stepper motor

|          |          |   |    |
|----------|----------|---|----|
| FEM 1.02 | 0.2 - 20 | 3 | 60 |
| FEM 1.09 | 0.9 - 90 | 3 | 60 |

Performance figures refer to standard models and water at 20° C.

See our data sheet for information on materials used for pump head, diaphragm, valves and motors.

# Product Range

## Diaphragm Liquid Pumps and Metering Pumps

OEM Models

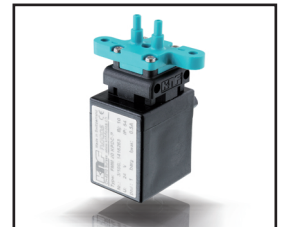
### Micro-Diaphragm Metering Pump with 2 phase stepper motor and Microprocessor



NEW  
NEW

| Type           | Flow rate  | Suction height | Pressure head |
|----------------|------------|----------------|---------------|
| Order-No       | ( $\mu$ l) | (mWg)          | (mWg)         |
| FEM 1.02.55 RC | 5 - 180    | 4              | 60            |
| FEM 1.09.55 RC | 10 - 520   | 4              | 60            |

### Solenoid Diaphragm Metering Pump



| Type     | Dispense volume | Calibration range | Max. Frequency | Max. Pressure |
|----------|-----------------|-------------------|----------------|---------------|
| Order-No | ( $\mu$ l)      | ( $\mu$ l)        | (Hz)           | (mWg)         |
| FMM 20   | 20              | 5 - 25            | 20             | 10            |

Performance figures refer to standard models and water at 20° C.

See our data sheet for information on materials used for pump head, diaphragm, valves and motors.