

Liquiport®

the transfer pump for liquids



First class pumps for first class science
www.knflab.com

Liquiport®

The rational way to transfer neutral oder corrosie liquids



- Flow range from 0.2l/min to 3l/min
- Self priming up to 3mWg
- Able to run dry
- Analog and impulse control
- Splashproof IP65
- Virtually maintenance free

One solution, four versions, countless applications

Type	Flow rate at atmos pressure (l/min) (with water at 20 °C)	Max. suction head (mWS)	Max. pressure head (mWS)
Liquiport® 100	0.2 - 1.3	3	10
Liquiport® 1.100	0.2 - 1.3	3	60
Liquiport® 300	0.5 - 3.0	3	10
Liquiport® 1.300	0.5 - 3.0	3	60

- Protection classIP65
- Mains supply100-230V / 50-60Hz
- Allowed ambient temperature 5-40°C
- Allowed liquid temperature 5-80°C
- Weight NF 100 / 1.100 1.0kg
- Weight NF 300 / 1.300 1.5kg
- Dimensions NF 100 / 1.100 130 x 99 x 177mm
- Dimensions NF 300 / 1.300 160 x 104 x 188mm

Manual or external controlling

Version	Control	Function
S - Version	Manual operation	<ul style="list-style-type: none"> · Flow rate adjustable from 10 bis 100% · Standby Mode · Maximal pressure limitation
RC - Version	Either manual operation or external control	<ul style="list-style-type: none"> · Analog Control: 0-10V from 0 to 100% (others on request) · Start / Stop through logic control (TTL) · Output signal fault alarm · Cable for external control included

Extremely high chemical resistance

- Our diaphragms are PTFE covered, our valves are made from FPM
- The head is available in PP / PVDF / PTFE

Connections

- Supply with barbed fittings:
- NF 100 / 1.100 for tubing ID 8mm
 - NF 300 / 1.300 for tubing ID 12mm