

LIQUIPORT® 100, 1.100, 300, 1.300

Transfer pump for liquids



- ▷ Simple and intuitive operation
- ▷ Self priming, can run dry
- ▷ Analog and impulse control (RC)
- ▷ Splashproof IP65, small footprint

Fields of application

- Chemistry
- Synthetic organic chemistry
- Pharmacy
- Adhesives and glue
- Polymers & polymer coating
- Food technology research
- Detergents

Hydraulic data

Type	Flow rate	Suction height	Max. pressure
LIQUIPORT 100	0.2–1.3 L/min	9.8 ft. water	15 psig
LIQUIPORT 1.100	0.2–1.3 L/min	9.8 ft. water	85 psig
LIQUIPORT 300	0.5–3.0 L/min	9.8 ft. water	15 psig
LIQUIPORT 1.300	0.5–3.0 L/min	9.8 ft. water	85 psig

Pump type

Code	Pump head	Diaphragm	Valves
KT	PP	PTFE covered	FFKM Simriz®*
TT	PVDF	PTFE covered	FFKM Simriz®*
FT	PTFE	PTFE covered	FFKM Simriz®*

* Optional materials available on request

Functions

S - Version	RC - Version
<ul style="list-style-type: none"> • Manual operation 	<ul style="list-style-type: none"> • Manual operation • Analog control: 0–10V for 0 to 100% (others on request) • Start/Stop through logic control (TTL) • Output signal fault alarm • RC cable for external control included

Technical data

- Main supply 100–240 V / 50–60 Hz
- Ambient temperature allowed +5 to +40 °C
- Liquid temperature allowed +5 to +80 °C
- Maximum viscosity allowed 150 cSt
- Power consumption 12–16W (100, 1.100); 22 - 32 W (300, 1.300)
- Protection class IP65
- Dimensions:
 - 130 x 99 x 177 mm (100, 1.100)
 - 160 x 104 x 188 mm (300, 1.300)
- Weight: 1.0 kg (100, 1.100); 1.5 kg (300, 1.300)
- Equipped with barbed fittings:
 - for 5/16" ID tubing (100, 1.100)
 - for 15/32" ID tubing (300, 1.300)

Model Numbers: NF _____ .18 *Example: NF 1.300FT.18S*

Type: 100, 1.100, 300, 1.300

Code: KT, TT, or FT

Control: S, or RC