

## Centrifugal Pump IFC 14700-2.5 LD

Article-No.: Z-P 2200 2000



Design	
Weight	2200 g
Motor control	Self-sensing
Hydraulic power	14700 l/h at 2.5 bar
Voltage range	9-60 VDC
Motor	BLDC

### Main Characteristics

Electrically powered high-performance pump for water circuits or circuits with dielectric media. Equipped with a BLDC motor and intelligent control electronics (using IFC, Intelligent Flow Control).

Intelligent performance control depending on load status, processor temperature and ambient/medium temperature.

Integrated leakage detection sensor to indicate a service need over the communication-interface (e.g., CAN).

Integrated redundancy system with a 2x3 phase BLDC motor and two control electronics to ensure maximum reliability, e.g., for use in aviation applications.

Performance data at 60°C medium water/glycol 10%: 14700 l/h at 2.5 bar.

### Function

Pump: Centrifugal pump

Motor: BLDC, external rotor

Control electronics: Customer-specific interfaces (CAN, LIN, UART, etc.) available, alternatively, ON/OFF

Software: To integrate our product into the CAN vehicle architecture, we automatically supply the DBC-file if required

### Dimensions and Connections

- Length: 192 mm
- Width: 152 mm
- Height: 135 mm
- Hydraulic connections: -28 Wiggins tube connectors
- Electric connection: e.g., Souriau or Deutsch or according to customer specifications
- Mounting: 4 M8 screws

Measurements – Operating Points

