

Centrifugal Pump IFC 2100-1 LD

Article-No.: Z-P 2400 0550



Design	
Weight	190 g
Motor control	Self-sensing
Hydraulic power	2100 l/h at 1 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).

Performance data at 50°C medium water/glycol: 2100 l/h at 1 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: 83 mm (with electric connection: 84,5 mm)
- Width: 59 mm
- Height: 112 mm
- Hydraulic connections: -10 Wiggins tube connectors
- Electric connection: Souriau 8STA0 10-98 PN, on vehicle side 8STA6 10-98 SN
- Mounting: 3 M5 screws

Measurements – Operating Points

