

039202453G

PCE2-XL Electric cooling pump



For demand-based coolant flow: The second generation of the Bosch coolant pump PCE2.0 is characterized by its high efficiency, compact design and low weight. It excels with an increased power density and optimized noise level, which is crucial for use in hybrid and electric vehicles.

The brushless drive and the robust design support long operating times. The PCE 2.0 is thus predestined for heating and cooling applications of electronics or battery cells.

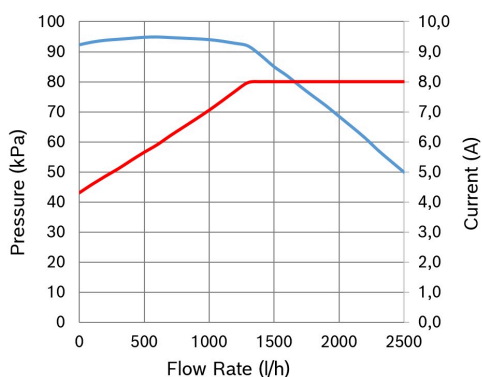


- **Degree of protection:** IPX7, IPX9K
- **Operating mode:** S1
- **Nominal Voltage:** 12 V

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Product Specification

Technical data and performance curve



Flow rate (l/h): 1000

Nominal pressure (bar): 0,94

Nominal Voltage (V): 12

Weight (kg): 0,46

Control: PWM

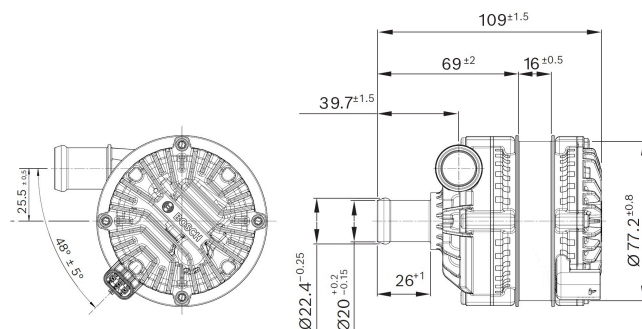
Medium: Water/Glycol (50/50)

Product images and pictures are for demonstration purposes only, the actual product may differ from the picture shown. The quotation drawing is binding.

Robert Bosch GmbH, Auf der Breit 4, 76227 Karlsruhe, Germany www.bosch-ibusiness.com



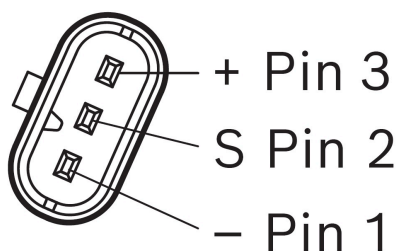
Dimensions



Please contact us if you need a 3d model!

[Contact](#)

Connector



Housing:

- TE Connectivity MCON 1.2 1488991-6 (with CPA),...-2 w/o CPA
- Molex MXP120 34900-3102

Terminal:

- Bosch 1 928 498 811
- Tyco / Molex MCON 1.2 1670146-3 – Ag plated (20awg)
- KOSTAL MLK 1.2 [32124734130]

Seal:

- Bosch 1 928 300 936
- TE Connectivity 967067-1 (20 awg)
- KOSTAL 10800507250

Features and Benefits

- Integrated electronics with failure diagnosis signal: For an increased efficiency of the brushless pumps and a control of the volume flow via PWM signal
- Extremely robust design: For a high power density, long service life and a motor attachment possible depending on the model
- Proven construction in line with the original automotive quality guidelines: For a low noise development and a high temperature range of up to 125°C
- Operating mode S1: Suitable for continuous operation



Downloads

You may also be interested in:

To Product family: [Catalogue](#)

