

039202453G

PCE2-XL Electric cooling pump



Discover the Bosch Coolant Pump PCE2.0 - the ideal solution for your thermal management needs! With demand-based coolant flow, it ensures optimal cooling of vehicle components.

The PCE2.0 impresses with high power density and vibration resistance, making it a very robust and durable solution. Thanks to integrated electronics and a fault diagnosis function, it enables precise regulation of the flow rate via a PWM signal, which leads to even higher efficiency. The PCE2.0 is designed for continuous operation and offers versatile application possibilities.

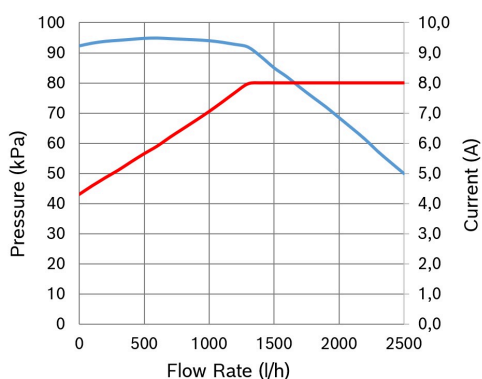


- **Degree of protection:** IPX7, IPX9K
- **Operating mode:** S1
- **Nominal Voltage:** 12 V

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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

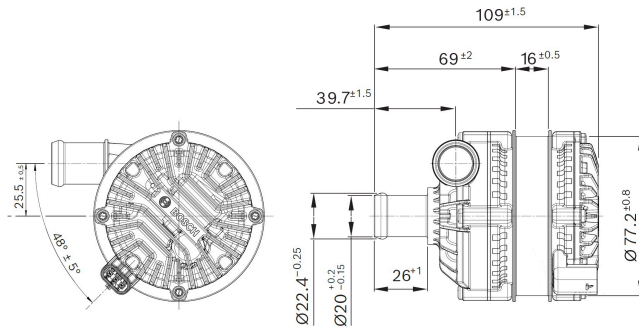
Medium: Water/Glycol (50/50)

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

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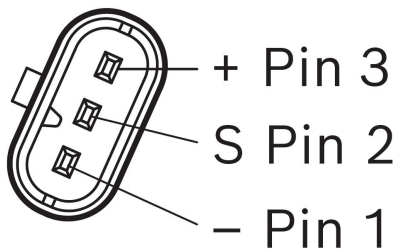
Dimensions



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

Application examples

- Thermal circuits of the truck cabin and engine
- Auxiliary heaters of trucks or boats
- Additional water pump for electronics cooling in electric vehicles or for cooling charging processes of electrified agricultural machinery
- Cooling of the connector and cable in HPC charging stations
- Cooling of data centers and CPUs
- Industrial applications such as the hydraulic heat treatment of plastics

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Downloads

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