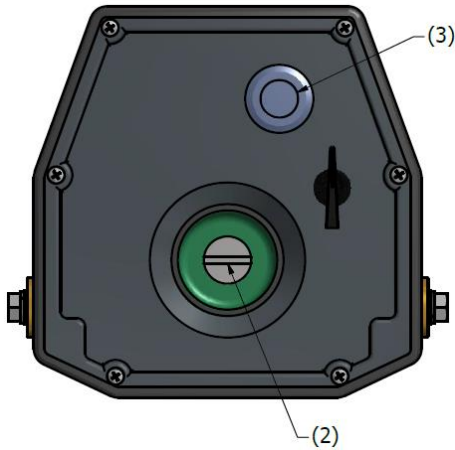
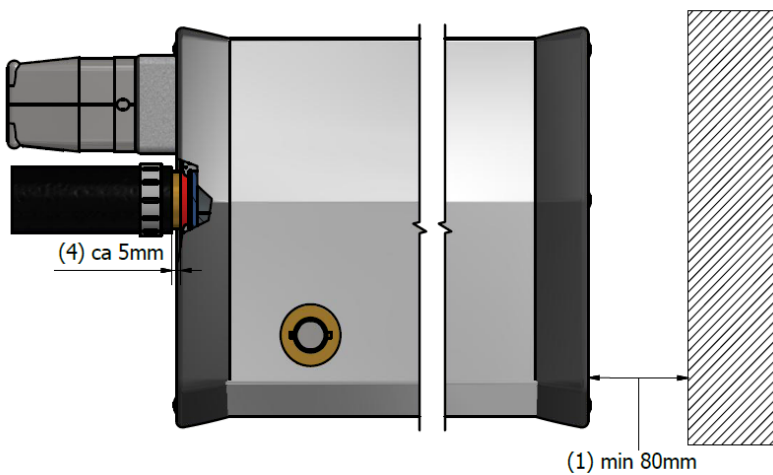


## Installation instructions for ELDI-VEHTEC Preheater

Installation should only be performed with materials supplied and approved by ELDI-VEHTEC. If the installation is performed with other materials, it must be performed under the supervision of a qualified installer.

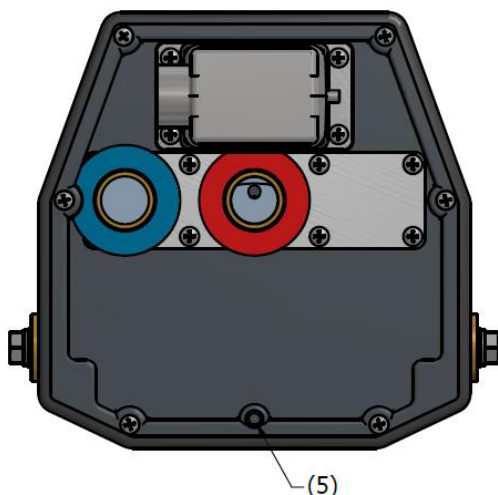


For the connection cable between the device inlet and wall socket, use a sheath cable of a type not lighter than RDO. The cable area must be  $2.5\text{mm}^2$ . Type 912320101 is connected to a 230V single phase 16A wall outlet (MUST BE CONNECTED TO A GROUNDED OUTLET). Type 912330301 connects to a 230V 3-phase 16A. Other models connect to 400V 3N 16A. The heater must be placed under the seat or in a designated protected space for the unit, for example, in the luggage area. The unit can be mounted vertically, horizontally, or hung with the mounting bolts. Look for the marking "INSTALL HEATER WITH THIS SIDE UP". The heater's pump side must not be placed closer than 80 mm to the wall (item 1). This way, one can access the pump control screw (item 2) and one can also reset the overheat protection (item 3). When connecting hoses, make sure there is a 5mm gap between the colored rings and the hose (item 4).



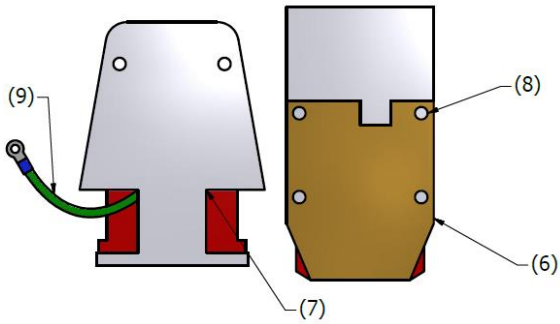
To prevent dryout upon the first start, fill the heater with the glycol-water mixture before the hoses are connected. Before connecting to the water system, check the direction of flow so that it is connected correctly connect the heater, with the outlet in the center (see arrow and red ring on the heater). The inlet is the pipe to the side, marked with a blue ring. Bleed the heater before it is connected to the system. Install the enclosed hose in order to discharge possible condensation (item 5).

The device intake must be positioned so that it is protected against spraying and mechanical damage. Installation must take



place such that the pins will be angled downward any remaining water can run out. There is a weak area on the device inlet to make a hole for condensation water (item 6 and 7). To prevent the connection cable from being damaged, ensure that the placement is such that the doors and other sharp objects do not press against it. Make sure the devices mounting screws in the riveted holes have good contact with the body so that it becomes grounded (item 8). When the intake does not have a mounting plate, a supplied ground wire must be attached to a clean scraped area on the body (item 9). NOTE: The internal ground connection must be continuous from the body to the grounded socket. Check that the ground connection is intact with a suitable instrument. The flexible hose that provides protection for connection cable between the intake and the heater must be

routed and secured so that it can not come into contact with or be close to hot parts. Pay special attention to the units proximity to the turbocharger and exhaust pipe.



### Maintenance instructions\*

The connection cable should be examined for signs of damage or aging. Damaged lines must be replaced immediately. Checks that the ground connection is intact should be performed periodically. Check the intake, cleaning the pins, etc. when connecting the heater if not in use for a long time, ex. after the summer. Also, check that the pump is not stuck. You do this by

loosening the screw which is located on the pump. Use appropriate tools to do this. If the heater does not heat, the most common cause is that the overheating protection has tripped. If this happens, press the overheating button in the back of the heater so that the button is unlocked.

If your heater does not start for some reason, you can easily replace the heater. Replacement heaters available at Eldi-VEHTEC.

\*The device can be used by children from 8 years and up, and people (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, only if they have received guidance or information on how to use the device in a safe way and understand the risks that may occur. Children should not play with the appliance. Cleaning and maintenance should not be performed by children without guidance.