

## Assembly instruction PRV6..

Thank you for your trust in our products. You have received a pressure relieve valve and a set of springs.

As a rule, pressure relieve valves are installed at their destination before the SET opening pressure is set. The inlet for the medium is at the lower end opposite the cap nut, the outlet for the medium is at the horizontal outlet. Please note the flow arrow on the component. The installation position is arbitrary.

When the PRV6 .. is installed, unscrew the cap nut (5) and place it in front of you. Turn the lock nut (2) completely down on the thread of the housing (1).

Compare your desired opening pressure with the opening pressure of the spring supplied (4). Check whether the spring (4) can withstand the maximum operating pressure.

If anything is unclear, you can also use the color coding on the SF data sheet. You can find this in our online shop [www.schwer.com](http://www.schwer.com). Remove the packaging from the spring set. Insert the thrust washer (3) into the housing (1) with the centering hole facing down towards the valve pin. Now guide the spring (4) into the housing (1). Lightly grease the thread on the housing (1) and screw the cap nut (5) onto the housing (1) as far as possible. You have now preset the maximum opening pressure of the corresponding spring (4).

Now apply the desired opening pressure to your system and slowly turn the cap nut (5) counterclockwise until the spring (4) responds and releases the pressure. Make sure that the escaping medium cannot be dangerous!

When the opening pressure is reached, turn the lock nut (2) against the cap nut (5) and fix the setting.

Depressurise your system again. Now apply the desired opening pressure again to check that the opening pressure set on the valve is correct. If the set opening pressure is not exactly correct, you can readjust it by slightly loosening the lock nut (2) again and turning the cap nut (5) in the desired direction. Then tighten the lock nut (2) again.

If necessary, the setting can then be secured against unintentional adjustment with the enclosed sealing wire and seal. The supplied banderole, on which the opening pressure is specified, should be glued to the intended cylinder surface on the cap nut (5).

