

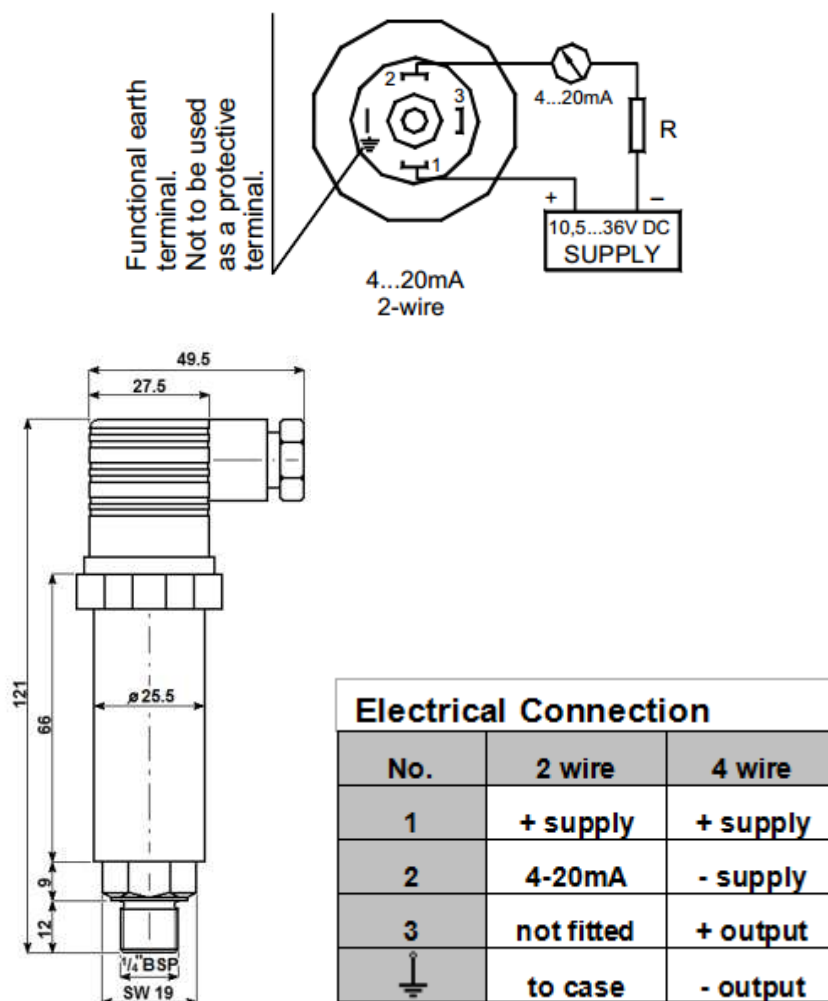
PCI SERIES TRANSMITTER SETUP INSTRUCTIONS

The PCI3110, PCI3860 and PCI4200 pressure transmitters, operate by converting changes in measured pressure, into a standard mA current output signal. The basic component of the transmitter is the sensing module, in which the input pressure is converted into an electrical signal.

The second element of the transmitter is an electronic unit which amplifies and standardises the output signal. This is fitted with potentiometers (pots) which can be used to set the zero and the span positions. By unscrewing and removing the connector, access can be gained to the potentiometers used for adjusting the zero and span setting.

The transmitter is factory set for the measurement range stated in the order. After it has been installed, it may become necessary for the zero position to be changed.

To perform the adjustment connect and power the transmitter in accordance with its technical parameters. Supply a pressure equal to the lower limit of the measurement range, and make the output signal equal to 4mA (0mA, 0V) by turning the "zero" potentiometer. Turn the knob increase the output signal. After the zero position has been set, supply a pressure equal to the upper limit of the range, and use the "range" potentiometer to make the output current (voltage) equal to 20mA (10V). Recheck the zero position, and repeat the procedure if necessary.



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