Instructions for Use

P2200 / P2500 / P4500 / P6500

1. Safety notes

1.1 Installation and startup

The rotary sensor is to be placed in service only by technical personnel under observance of all relevant safety regulations.

Non-observance of the installation istructions will void any warranty or liability claims.

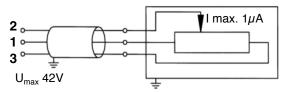
All personal protection measures in case of a transducer defect or failure must be taken before startup.

1.2 Electrical connections

The specified supply voltage is to be applied only at the terminals provided.

Non-observance of the pin configuration will result in destruction of the device and loss of warranty.

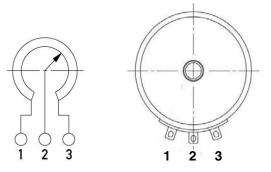
Terminal plan



Protection class III according to DIN EN 61010 T1

Please note: Circuit as voltage divider free of load!

Connector pin assignment with view on the shaft



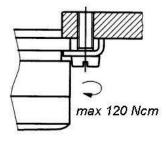
The Gradient of the output signal cw or ccw is arbitrary by inverting of the connectors 1 and 3.

Using cables with longer lengthes we advise the use of shielded cables.

For certain variants of this sensor, alternative mounting

3. Mounting instructions

3.1 Housing fixation



The delivery of standard potentiometers includes 3 clamps and 3 screws.

3.2 Shaft fixation

If the driving shaft has significant play, shaft and sensor housing must de decoupled mechanically, for example using a coupling device.

Coupling devices available from Novotechnik:

P2200 / P2500: Z103 G3 P4500 / P6500: Z104 G6 oder/or Z105 G6

For further information about available coupling devices see data sheet "Accessories".



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features may be given.