

Installation instructions for Electric Servo Cylinder (ESZ)

Information

The items supplied shall only be transported, erected or installed, connected, commissioned, maintained and operated by qualified personnel who are familiar with the applicable safety regulations and erection instructions. Any work carried out must be checked by responsible persons who are suitably qualified. These qualified persons must be authorised by the person responsible for plant security.

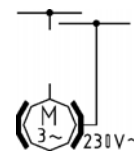
Attention

The information on the sign on the electric servo cylinder must be observed!

Installation of the Electric Servo Cylinder

If it is discovered that the piston rod is not in the exact installation position, follow the instructions below:

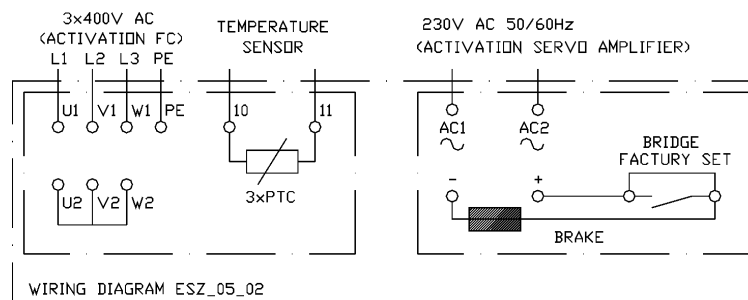
1. Never try to change the position of the piston rod by exerting an external mechanical force.
2. Mechanical movement of the piston rod requires prior release of the brake. For this purpose, connect 230V AC to the motor connection of the ESZ on terminals AC1 and AC2 which are assigned to the brake. **No power must be applied to the motor itself.**
3. Turn the motor axle using an Allen key until the required position of the piston rod has been reached (turning to the left = extending the piston rod). The hexagon socket screw is at the shaft end of the motor fan.



When the required position is reached, connect the piston rod.

4. Disconnect the 230 V AC supply used for brake release.

Electric motor (option with locking brake)



Wendenerhütte, Oct. 28, 2002