

FUNCTION

The actuator

M22A and M50A consists of a reversible motor and a gear train in a CoPA housing.

All bearings of motor and gear train are of permanent lubrication type.

The reversible motor cuts out in both end positions on activating limit switches.

Control signal

M22A and M50A are controlled by a voltage input so that a certain level always corresponds to a position of the actuator. This is done by the Electronic Positioner ES11.

The control signal reaction can be set by switch normal or inverted.

Manual operation

The actuator can be manually operated by means of a hand wheel. Since the hand wheel always follows during motor-driven operation (running indication), never operate by hand while the

actuator is running – potential injury hazards

Note: Switch of the electrical source and secure against turning on again.

The position of the actuator is indicated with a pointer between the actuator and the valve.

INSTALLATION

The installation of the M22A and M50A is carried out according to instruction, shipped together with the actuator, if the actuator is mounted on the valve from factory.

How to mount and adjust a M22A and M50A actuator to a valve is described in the handbook for M22 and M50.

The actuator may be mounted beside or above the valve. Mounting below the valve should be avoided.

