Diagrams

The following diagrams only apply when the appropriate valve adapter is used:

Function diagram MPRF mode,
without valve path recognition, fixed valve path

Function diagram MPVF/MPOF mode,
with valve path recognition

The mechanical backlash between the actuator and the valve adapter, as well as backlash in the gear unit of the actuator, are detected as valve path. This has an effect on the position display and the control bandwidth is minimally reduced. Deviating from the actual valve lift, an approx. 1 mm higher valve path is shown in the display.