Controllers series 9.. with this accessory equipment can be switched over to another parameter set. The switch over takes place by the assigned binary control input (potential free contact, alternative external voltage 24 VDC).

Depending on type, both parameter sets include the control parameters and additionally one setpoint value as well as control- and configuration parameters for an additional contact.

Types	**List No.:**
switchable 2. parameter set control parameter	99p2
switchable 2. parameter set control parameter, add. setpoint value and function add. contact K3	99p2k3

Setpoint value level (addition):

SP 1* Setpoint value 1. parameter set
SP 2* Setpoint value 2. parameter set

Parameter level (addition):

P1 Proportional range, 1. parameter set
I1 Integral action time, 1. parameter set
d1 Rate time, 1. parameter set
Sh1 Response sensitivity, 1. parameter set

P2' Proportional range, 2. parameter set
I2' Integral action time, 2. parameter set
d2' Rate time, 2. parameter set
Sh2' Response sensitivity, 2. parameter set

SA 3* Setpoint distance for trailing contact, 1. parameter set
SP 3* Setpoint value independent additional contact, 1. parameter set
Sd 3* Hysteresis additional contact, 1. parameter set

SA 4* Setpoint distance for trailing contact, 2. parameter set
SP 4* Setpoint value independent additional contact, 2. parameter set
Sd 4* Hysteresis additional contact, 2. parameter set

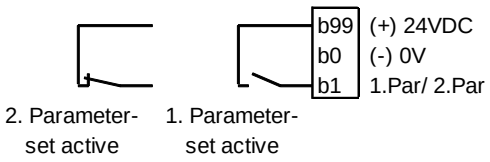
Configuration level (addition):

reL3* Function mode, assigned actual value and fail-safe position add. contact, 1. parameter set
reL4* Function mode, assigned actual value and fail-safe position add. contact, 2. parameter set

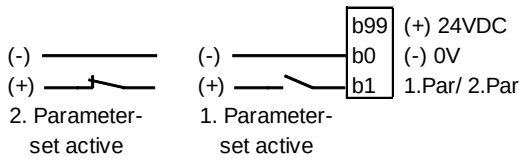
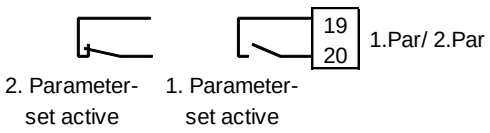
* = type 99p2k3 only

Wiring diagram: Example, in each case for 99p2.., valid for each delivered controller is the wiring diagram on its casing only.

Potential free contact



external voltage 24 VDC



alternative: