

Table of contents

- Velocity control loop filter: Notch depth (0x2222:05 / P-0-1124 / --)

Velocity control loop filter: Notch depth (0x2222:05 / P-0-1124 / - -)

Function

The parameter serves to parameterize the notch depth. It takes effect for the 8 notch filters with reduction which can be selectively activated via **P-0-1120** [n] = 4. The value is entered in decibel (dB). The notch depth corresponds to the damping for the parameterized center frequency. It is not possible to enter negative values. The positive value entered in dB is used for damping.

Use

The content of "P-0-1124, Velocity control loop filter: Notch depth" consists of 8 elements.

- **P-0-1124**[0] → notch depth for filter 1
- **P-0-1124**[1] → notch depth for filter 2
- **P-0-1124**[n] → notch depth for filter n
- **P-0-1124**[7] → notch depth for filter 8



However, a list element in "P-0-1124" is only relevant if the corresponding list element has also been set to "4" (filter type = notch filter with reduction in "P-0-1120").

Parameter of parameter set switching:

- "Velocity control loop filter: Notch depth" (0x2222:05 / P-0-1124 / --)
- "Velocity control loop filter: Notch depth [1]" (0x2222:15 / P-1-1124 / --)
- "Velocity control loop filter: Notch depth [2]" (0x2222:25 / P-2-1124 / --)
- "Velocity control loop filter: Notch depth [3]" (0x2222:35 / P-3-1124 / --)