Signals of interest

Channel 0 Setpoint (Force Command) numerically limited to ±64N

Channel 0 Configuration

PID Gains

Kc Q8.8

Kc\*Ts/Ti Q8.8

Kc\*Td/Ts Q8.8

Output Range

High 64 Q7.9

Low -64 Q7.9

Channel 1 Setpoint (Position Command) numerically limited to ±64N

Custom Controller Inputs

Kp (Position Control Kp) – Not used Signed Q8.8

Virtual Spring Constant Unsigned Q12.4 4095.9375 – 0

Kf “Force Control Gain” (Not used (PID channel 0 instead) signed Q8.8

Var1 Signed Q5.11

Var2 Signed Q5.11