



Before releasing the clamping unit,
balance the forces on the piston of the drive.

Safety subfunction

STO - safe torque off

SB-f - Safe blocking with friction locking

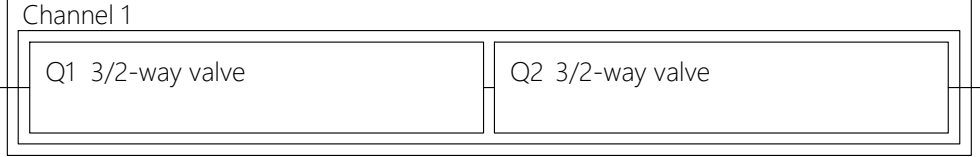
PUS - Prevention unexpected start-up

Block diagram

STO - safe torque off

PUS - Prevention unexpected start-up

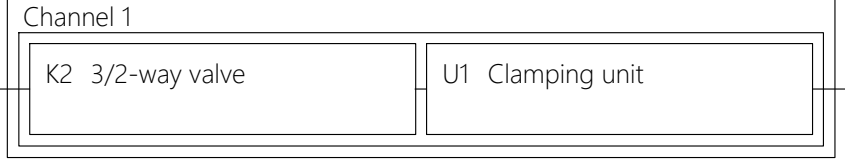
Output



SB-f - Safe blocking with friction locking

PUS - Prevention unexpected start-up

Output



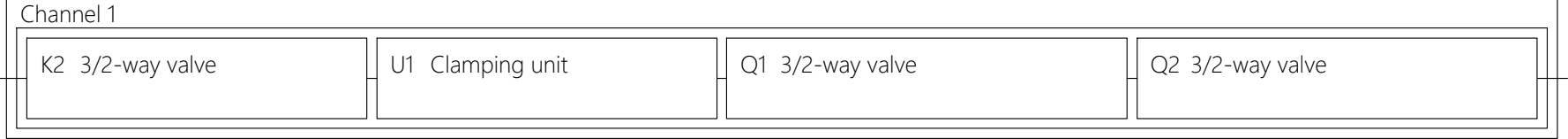
Remarks

Dimensioning of the clamping unit: Can hold moving mass, load and force of the drive.

SB-f - Safe blocking with friction locking

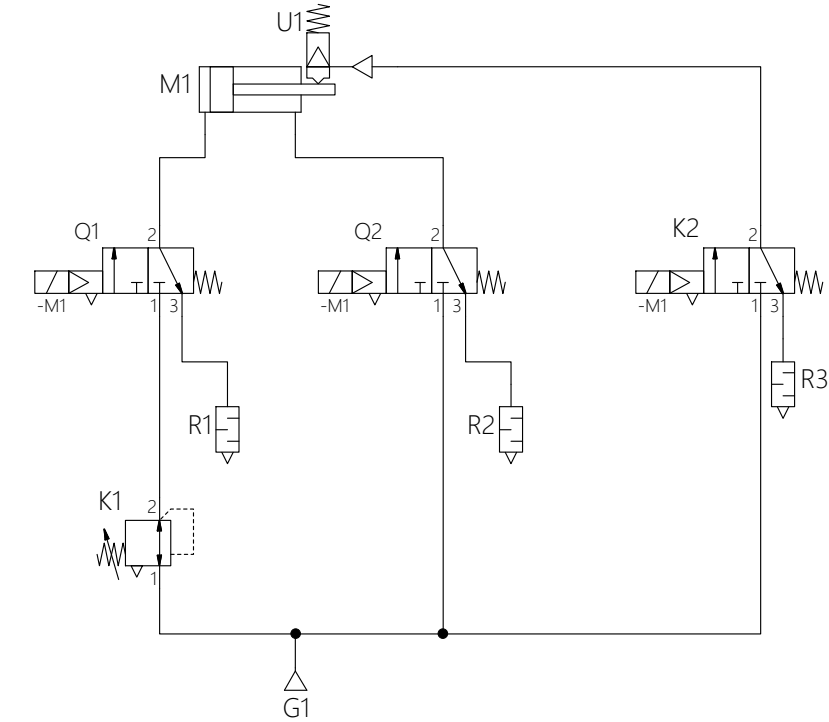
PUS - Prevention unexpected start-up

Output



Remarks

Dimensioning of the clamping unit: Can hold moving mass and load,
i.e. STO is executed simultaneously



Parts list

Pos....	Identifi...	Description
1	G1	Operation pressure
2	K1	Pressure regulator
3	K2	3/2-way valve
4	M1	Double-acting drive
5	Q1	3/2-way valve
6	Q2	3/2-way valve
7	R1	Silencer
8	R2	Silencer
9	R3	Silencer
10	U1	Clamping unit