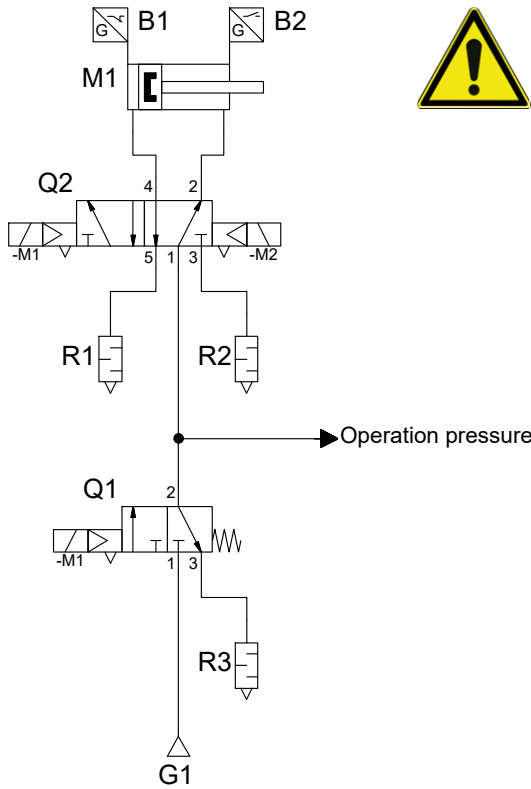




Circuit only suitable for drives without external forces.
Additional measures are required for drives with
external forces or vertical axes.



Parts list

Pos....	Identifi...	Description
1	B1	Limit switch
2	B2	Limit switch
3	G1	Operation pressure
4	M1	Double-acting drive
5	Q1	3/2-way valve
6	Q2	5/2-way valve
7	R1	Silencer
8	R2	Silencer
9	R3	Silencer

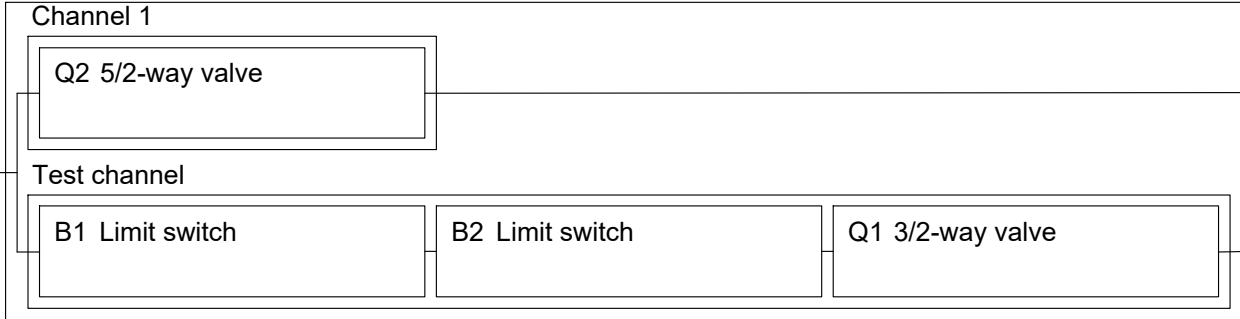
Safety subfunction

PUS - Prevention unexpected start-up (operation pressure) up to category 2, up to PL d can be reached
PUS is only possible in the end position of the drive.

Block diagram

PUS - Prevention unexpected start-up (operation pressure)

Output



Q2, B1, B2
5/2-way valve
Diagnostic coverage DC=90%
Indirect monitoring
With positioning time monitoring by limit switches
(estimate according ISO 13849-1, table E.1)

					Date	Name	FESTO	Project	100588	Installation	
				Drawn				Page	Circuit	Location	
				Seen						Scale	Page 1
No.	Modification	Date	Name	Release							of 1