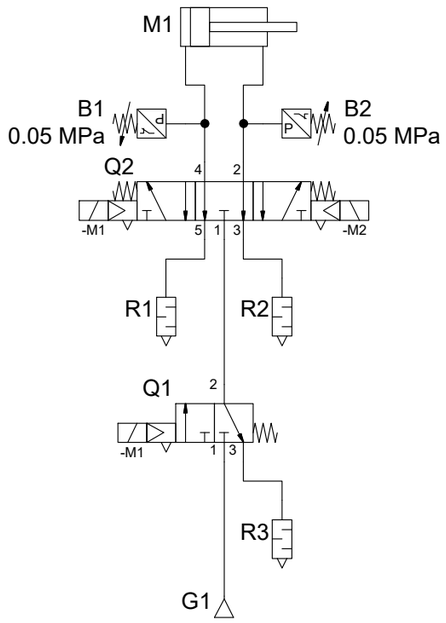


Parts list

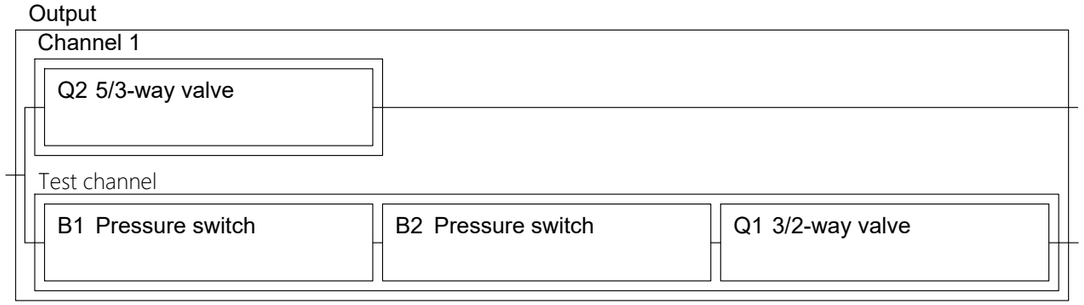
Pos....	Identifi...	Description
1	B1	Pressure switch
2	B2	Pressure switch
3	G1	Operation pressure
4	M1	Double-acting drive
5	Q1	3/2-way valve
6	Q2	5/3-way valve
7	R1	Silencer
8	R2	Silencer
9	R3	Silencer

Safety subfunction

STO - safe torque off — up to category 2, up to PL d can be reached

PUS - Prevention unexpected start-up — up to category 2, up to PL d can be reached

Block diagram



Q2
5/3-way valve
Diagnostic coverage DC=90%
Indirect monitoring
With switching time monitoring by pressure switch
(estimate according ISO 13849-1, table E.1)
Diagnostic coverage assuming that
rt/rd > 10 (according to ISO 13849-1, Table E.1, Note 3)

Important note

The safe state of the test channel is "interruption of the compressed air supply"

					Date	Name			
				Drawn			FESTO	Project 100383	Installation
				Seen				Page Circuit	Location
No.	Modification	Date	Name	Release					Scale / Page 1 / of 1