

BAUMANN

SMART VALVE POSITIONER

QUALITY
FROM
GERMANY

Baumann GmbH
Justus-von-Liebig-Ring 15D-82152 Krailling Germany
www.baumannchina.com



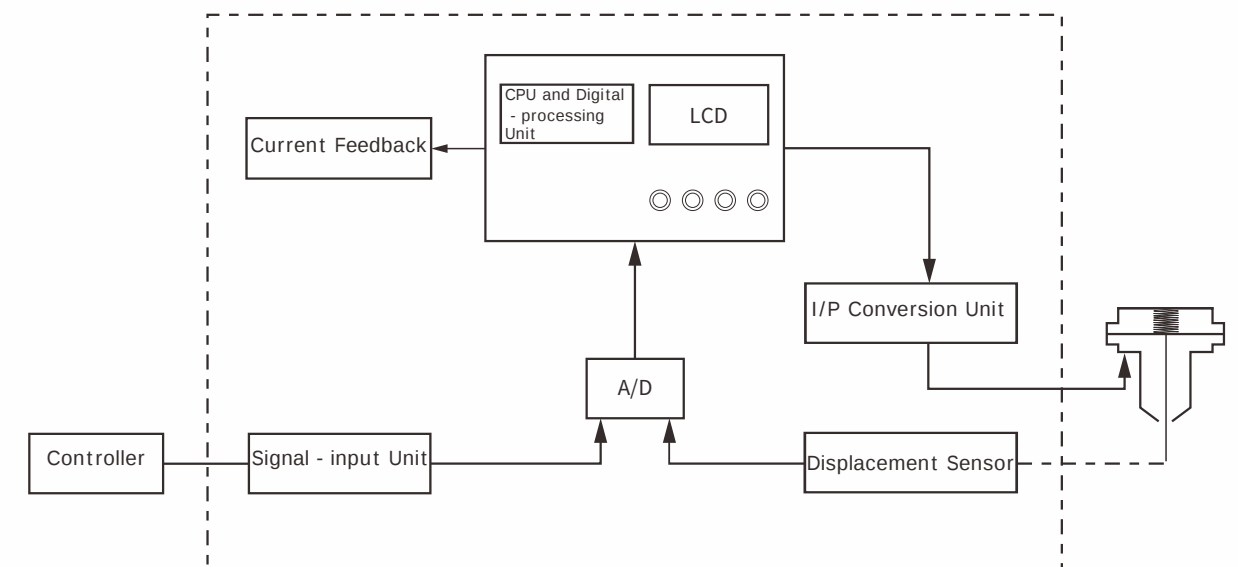
SMART VALVE POSITIONER

Product Features of Smart Valve Positioner

- Piezo - electric modules imported from Germany
- Stable throttling control without oscillation under low air - flow
- Valve - position retention upon three - type signal loss
- Full - aluminum housing
- Cover - free commissioning
- Non - contact low - power consumption position sensor
- Energy - saving and low air - consumption
- Built - in filter element



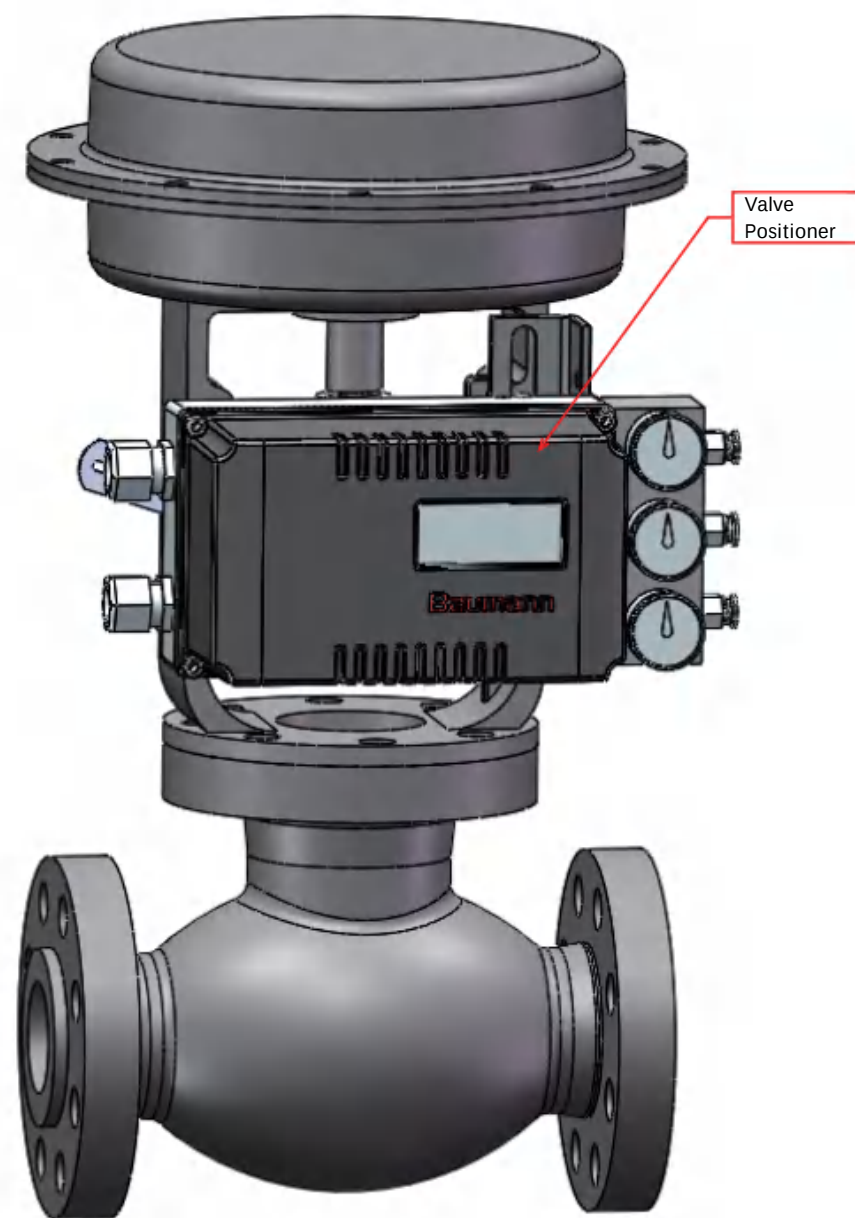
Product Principle



*Customization is available for customers with special technical requirements.

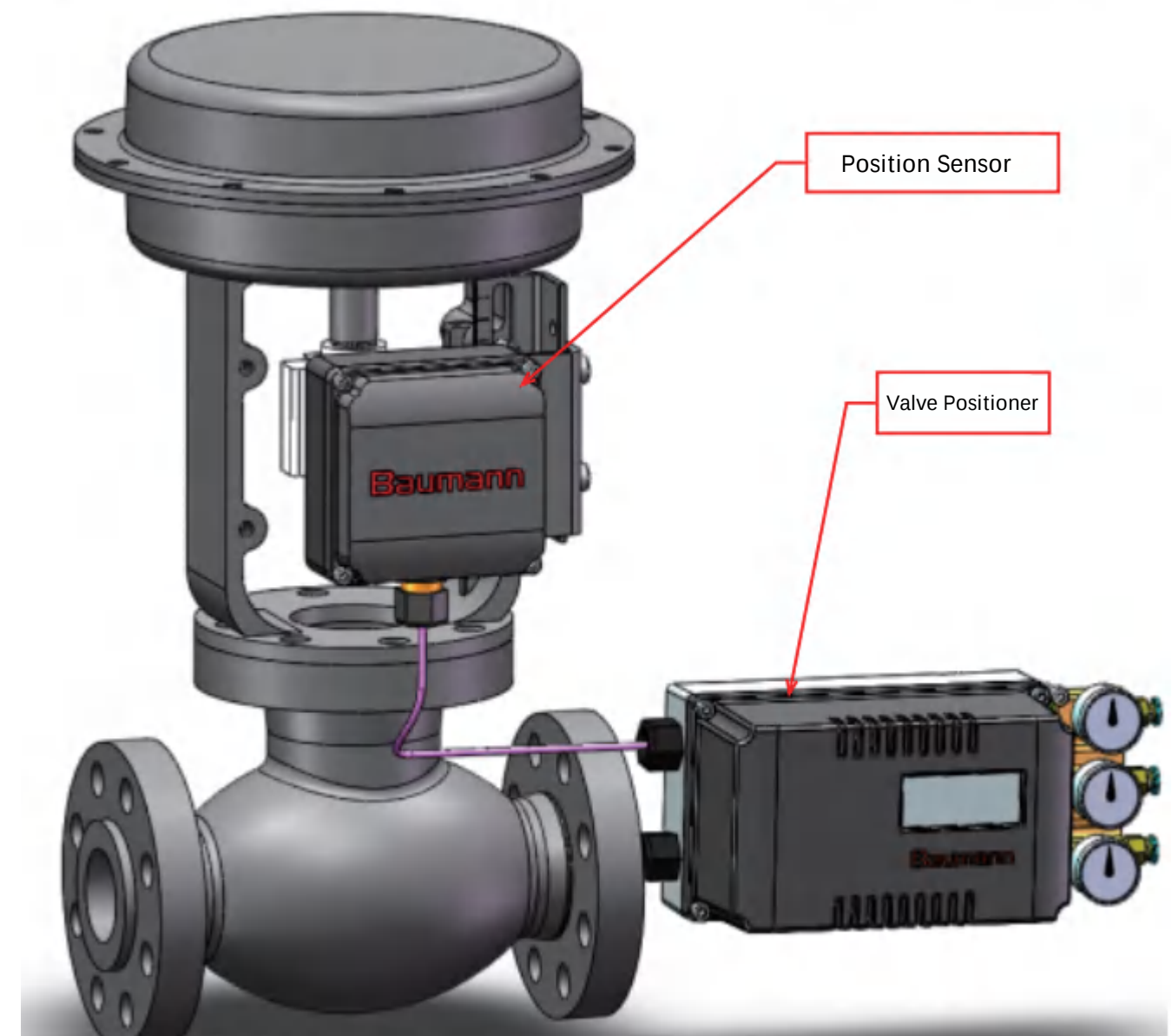
Combination method

1 Standard Type



Standard Type

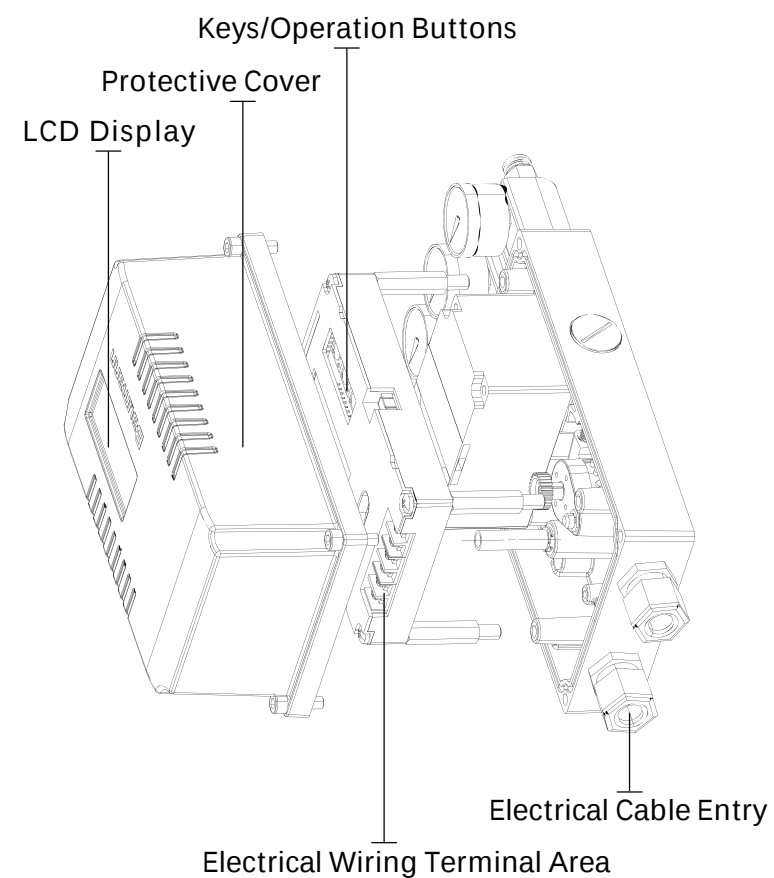
2 Split Standard Type



Split Standard Type

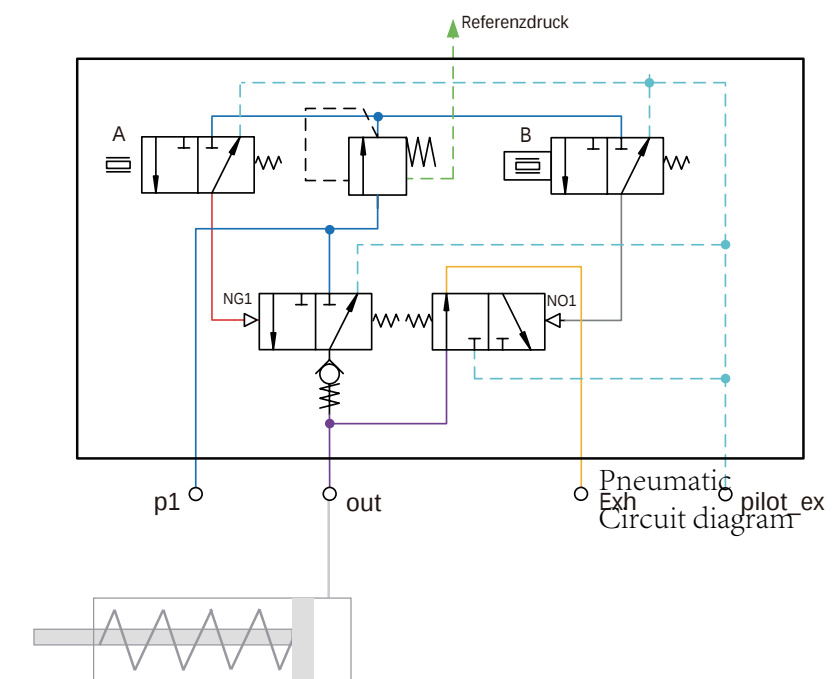
Product Structure

1 Internal Diagram of Positioner



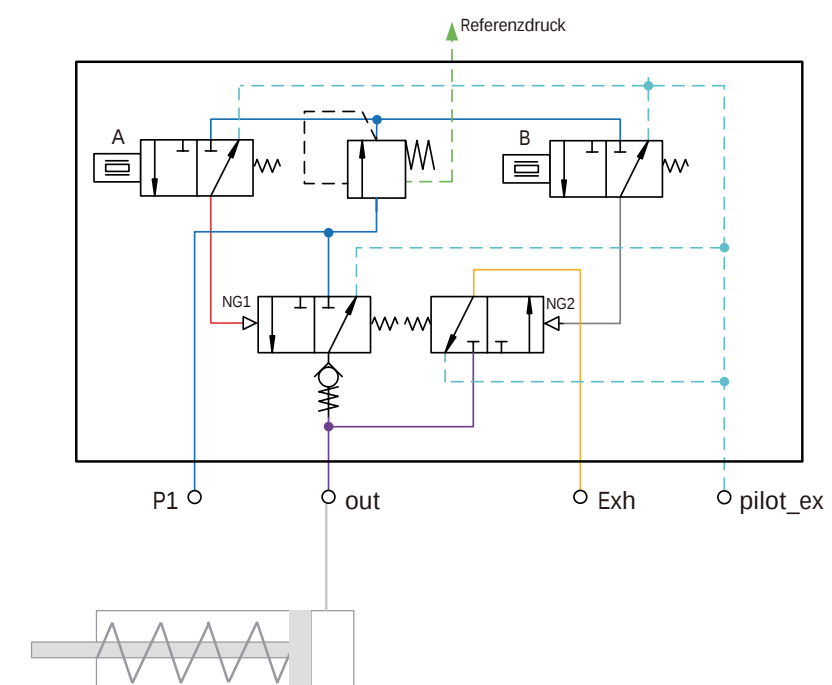
Pneumatic Circuit diagram

1 Single Acting/Fail-Safe Exhaust



Fail Safe	Funktion	A	B
X		0	0
		1	1
	Stop	0	1
	nicht erlaubt	1	0

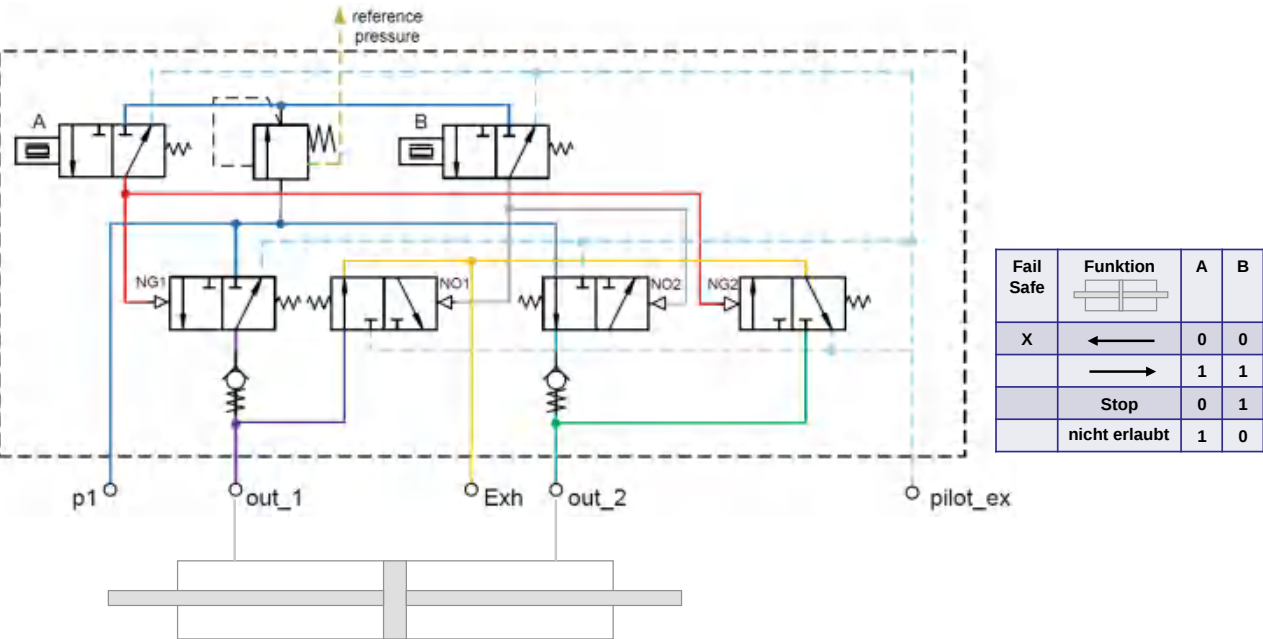
2 Single Acting /Fail-Safe Lock



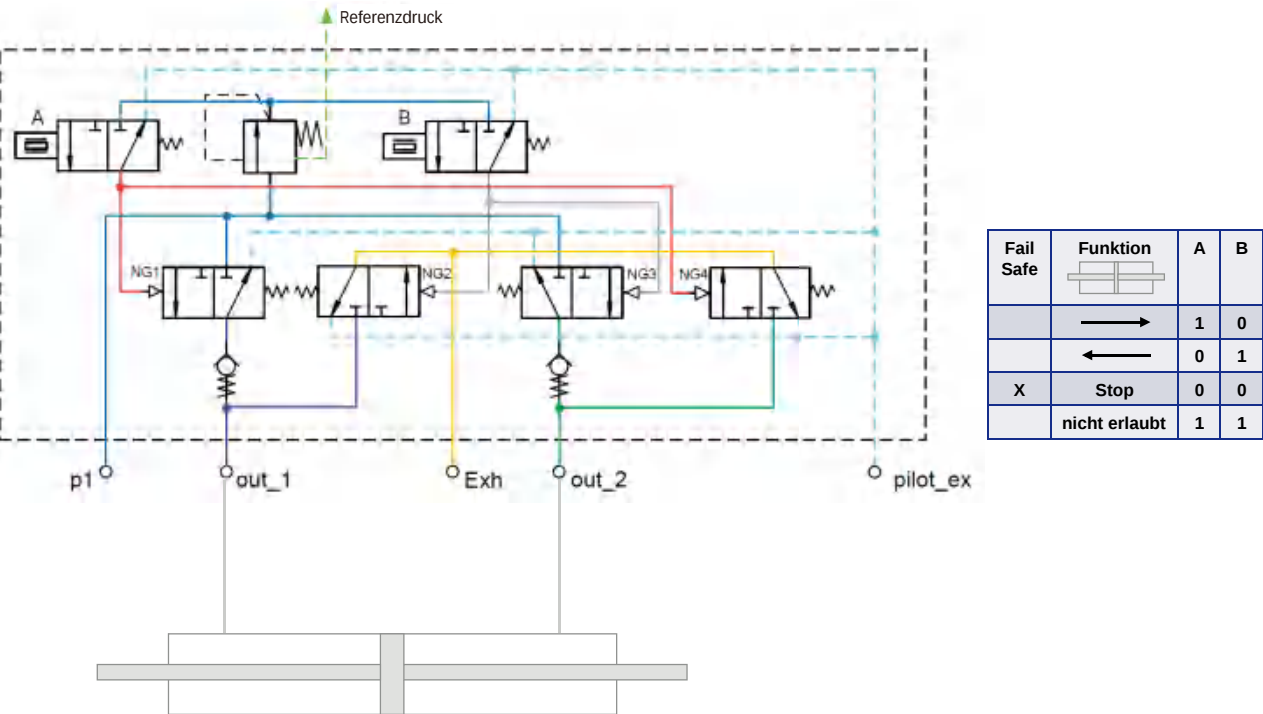
Fail Safe	Funktion	A	B
		0	1
		1	0
X	Stop	0	0
	nicht erlaubt	1	1

Double Acting Pneumatic Circuit Diagram

1 双作用/故障安全-排气

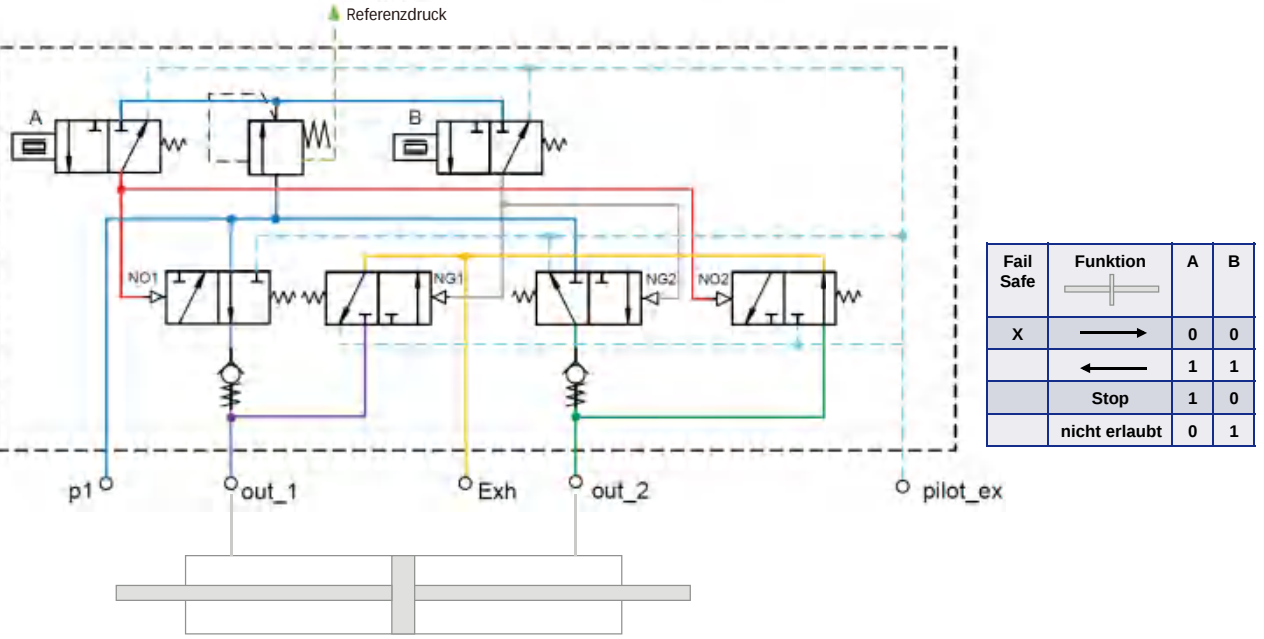


2 Double Acting / Fail-Safe Lock

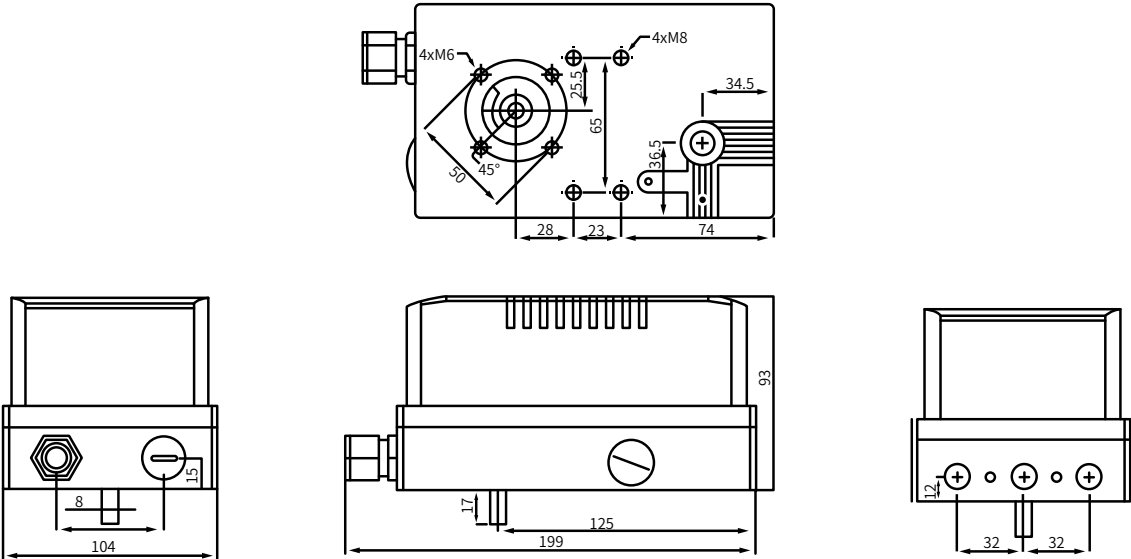


Double Acting Pneumatic Circuit Diagram

1 双作用/故障安全-通风

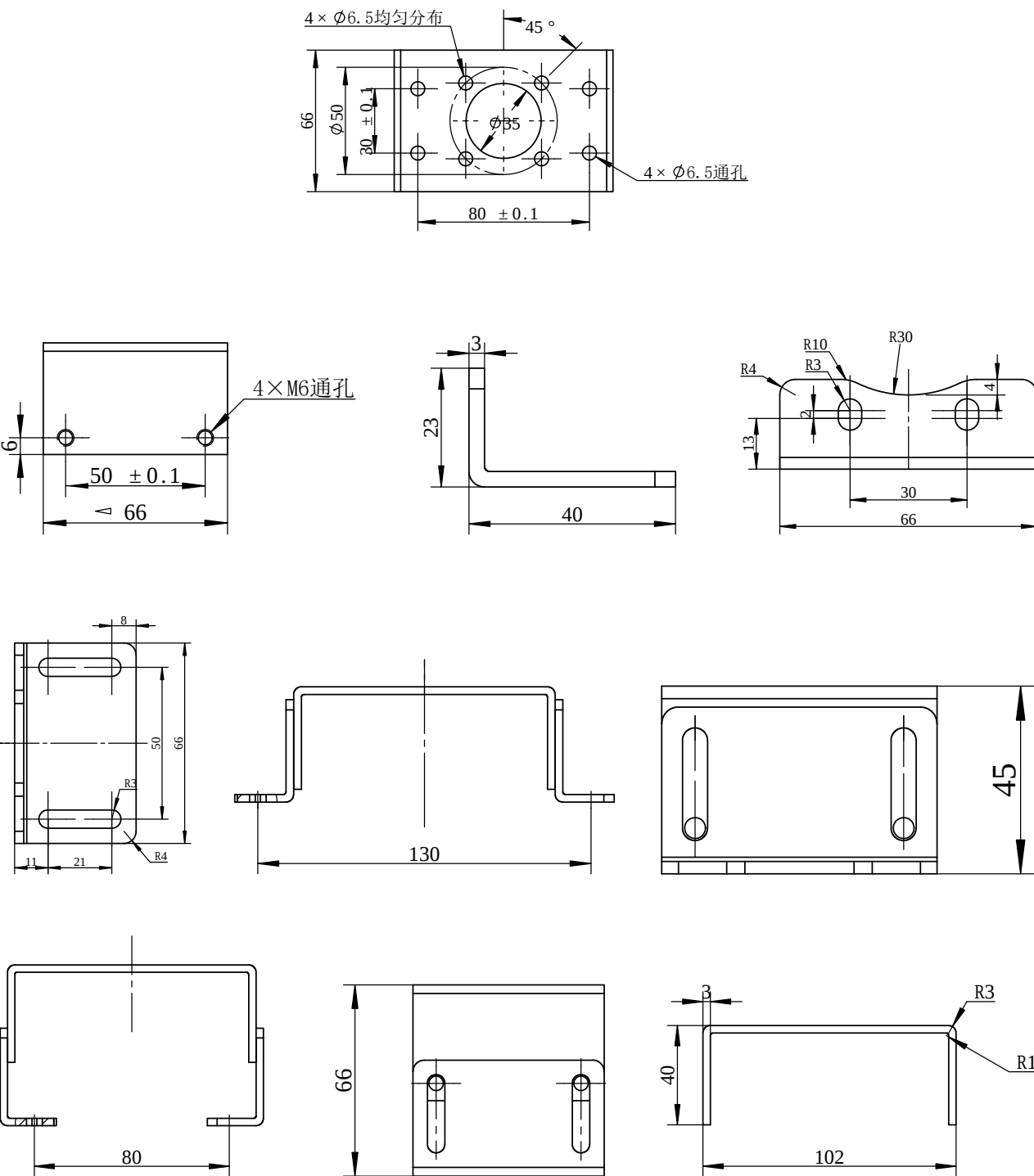


Overall Dimensions



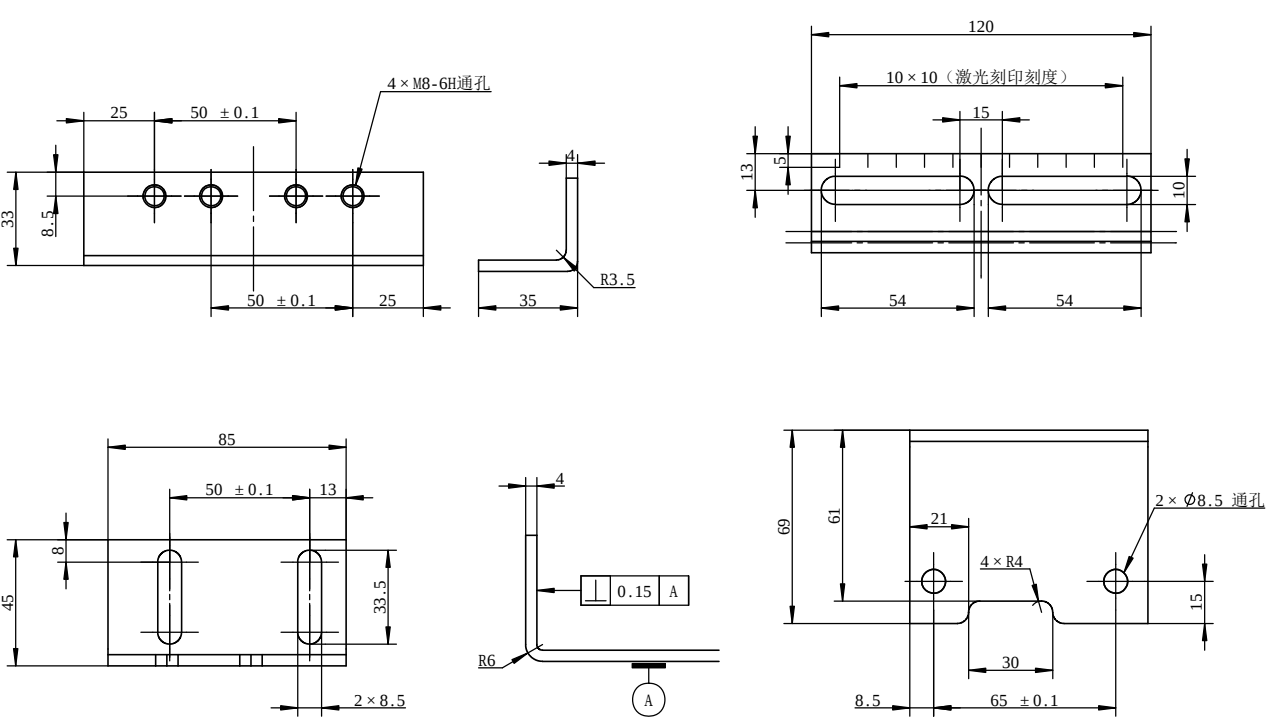
Overall Dimensions

1 Quarter-Travel Bracket



Overall Dimensions

1 Linear-Travel Bracket



Selection Parameters

Options		BVP600										☐	☐	☐	—	☐	☐	☐	—	☐	☐	0
Actuation Type	Single Acting	1																				
	Double Acting	2																				
Motion Type	Linear Travel	L R																				
	Quarter Turn																					
Fail-Safe Position	Fail Close/Fail Open	0 1																				
	Fail Lock																					
Explosion Proof	Non-Explosion Proof	0 1																				
	CCC Intrinsically Safe																					
Valve Position Feedback	None	0 A																				
	4~20mA Output																					
Communication	None	0 H																				
	HART																					
Electrical Port	M20x1.5	M N																				
	1/2NPT																					
Pneumatic Port	G1/4	0 2 3																				
	G1/4with Pressure Gauge																					
	1/4NPT with Pressure Gauge																					
Special Requirements	None																					0
Ambient Temperature	-20°C-60°C																					0

Installation Site

We are committed to delivering all-in-one solutions for every customer, providing top-tier technical support and full-spectrum services covering the entire workflow: on-site survey, model selection, installation and technical training. All our sales and engineering staff possess cutting-edge industry expertise to resolve system issues at every stage, enabling you to manage your equipment and systems with higher efficiency and safety.

