

The two hand safety valve generates an output signal only if two synchronised pneumatic input signals are received. If one input signal is interrupted, the output signal is interrupted as well. The most common application involves connecting a manual button-controlled valve to each of the inputs and using the output signal as a start-of-cycle control for a pneumatically-operated machine.

- The two hand safety valve can be secured with through screws or a DIN bar adaptor.
- The complete pushbutton panel includes the dual manual control valve, two manual pushbuttons, and an emergency stop valve, all housed in a metal box to be mounted on a wall or stand.
- The pushbutton housing is supplied on request for anyone wishing to get a personalised pneumatic connection or drill holes to secure the unit.



SK-85



SV-85

TECHNICAL DATA

Compressed air couplings	mm
Fluid	
Version	
Standard	
Synchronisation, max. time between two signals	s
De-activation time, with pipe L = max 1000 mm	s
Actuation	
Reset	
Operating pressure	bar
Temperature range	°C
Nominal diameter	mm
Flow rate at 6 bar (0.6 Mpa - 87 psi) ΔP 1 bar (0.1MPa -1.45 psi)	Nl/min
Mounting position	
Compatibility with oils	

Push-in fitting for Ø 4 pipe
Filtered, unlubricated compressed air, max 50 µm
Single-control – Complete pushbutton panel

- EN574 type IIIA, TÜV approved according to 2006/42/EC
Certified TÜV-A-MHF/MG/13-05260 (Art. No. SV-85)
- Certified Bureau Veritas CV 003-12-2011 (Art. No. SK-85)

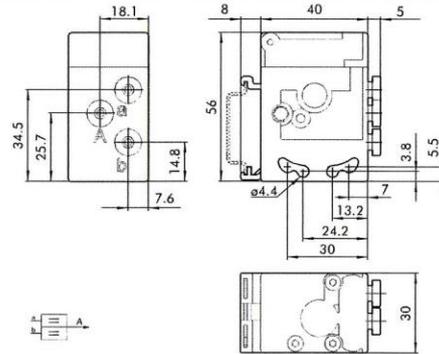
0.4
< 0.05
pneumatic
spring operated
2.5 to 8
- 10 to +60
85
In any direction

TWO HAND SAFETY VALVE

Art. No.	Description	Ident No.
SV-85	Two hand safety valve	106712

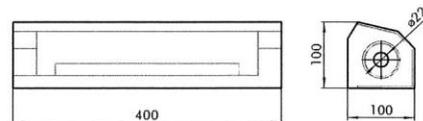
Materials

Body: technopolymer
Internal parts: brass and technopolymer
Gaskets: NBR
Spring: alloy steel

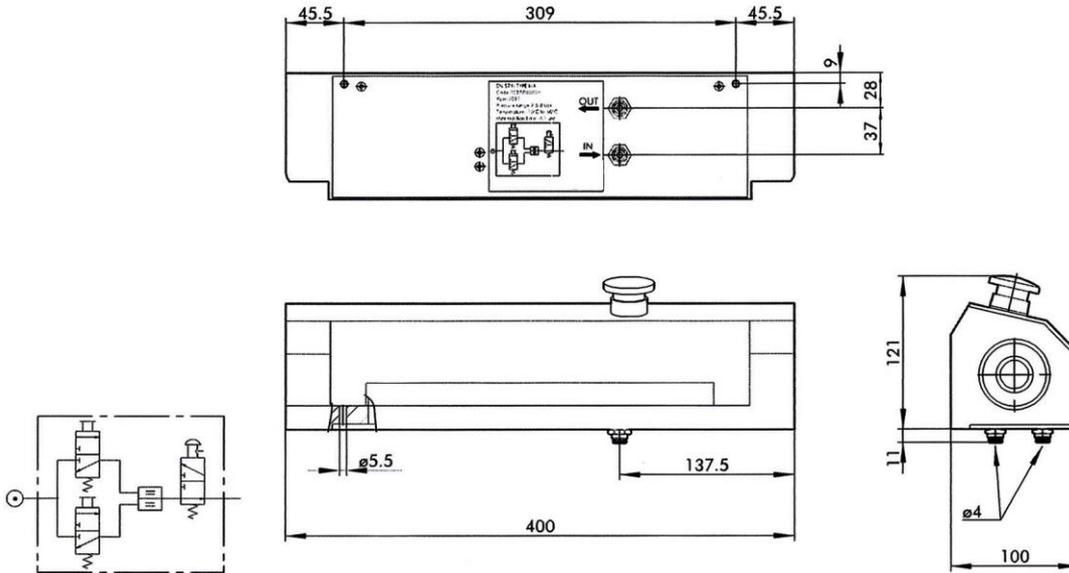


PUSHBUTTON HOUSING

Description
Pushbutton housing



COMPLETE PUSHBUTTON PANEL



Art. No.	Description	Ident No.
SK-85	Complete pushbutton panel	106711

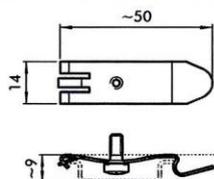
Materials
 Pressure die-cast and painted aluminium alloy

MAIN COMPONENTS

Description	Quantity
Dual manual safety valve	1
Monostable protected button - black disk	2
Emergency stop button	1
VME1-01 NC Ø 4	2
VME2-01 NO Ø 4	1
Valve-button connecting base	3
RL10 Ø 4	2

ACCESSORIES

CONNECTION BRACKETS ON THE BAR (DIN EN50022)



Art. No.	Description	Ident No.
SV-A	Connection brackets on DIN bar	106713

Individually packed

Summary Art. No.:

Art. No.	Ident No.
SK-85	106711
SV-85	106712
SV-A	106713

B1



TWO HAND SAFETY VALVE SERIES SAFE AIR®

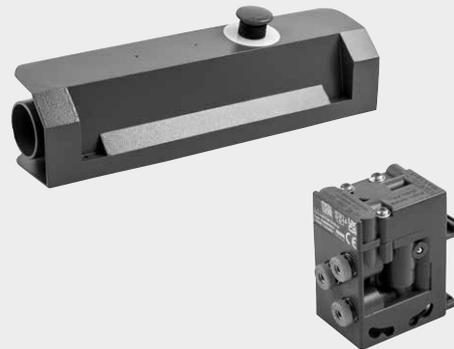
VALVES

TWO HAND SAFETY VALVE SERIES SAFE AIR®

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TECHNICAL DATA

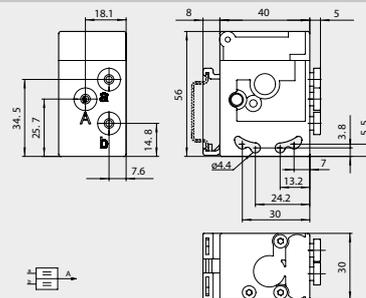
Compressed air couplings	mm	Push-in fitting for Ø 4 pipe
Fluid		Filtered, unlubricated compressed air, max 50 µm
Version		Single-control – Complete pushbutton panel
Standard		<ul style="list-style-type: none"> • EN ISO 13851 type IIIA, TÜV approved according to 2006/42/EC • Certified TÜV-A-MHF/MG18-00134V (code W3605000001) • Certified Bureau Veritas BV-Z3-MAC-CV-0001 (code 0227700000)
Synchronisation, max. time between two signals	s	0.4
De-activation time, with pipe L = max 1000 mm	s	< 0.05
Actuation		pneumatic
Reset		spring operated
Operating pressure	bar	2.5 to 8
Temperature range	°C	- 10 to +60
Nominal diameter	mm	2.7
Flow rate at 6 bar (0.6 Mpa - 87 psi) ΔP 1 bar (0.1MPa -1.45 psi)	Nl/min	85
Mounting position		In any direction
Compatibility with oils		See chapter Z1

TWO HAND SAFETY VALVE

Code	Description
W3605000001	Two hand safety valve

Materials

Body: technopolymer
Internal parts: brass and technopolymer
Gaskets: NBR
Spring: alloy steel



PUSHBUTTON HOUSING

Code	Description
W3120000212	Pushbutton housing

