LINE **100-120-125-127** | VALVES FOR PANEL MOUNTING ACTUATORS

GENERAL FEATURES

	line 100	line 120 125 127
Construction	poppet type	spool
Body material	technopolymer	technopolymer / aluminium
Single use	yes	yes
Combined use	yes	no
Available functions	2/2 -3/2	3/2 - 5/2
Installation	through-wall panel actuator	

GENERAL TECHNICAL DATA

	line 100	line 120 125 127
Fluid	air	air
Connections	M5 - AU4	1/8 -1/4
Temperature Range	-5 / +50°C (23 / 122°F) Please note: Below 3°C the air of the circuit must be free from humidity	
Working Pressure	2 - 10 bar	1 - 10 bar
Reference Pressure	75 l/min	670; 800; 800 l/min

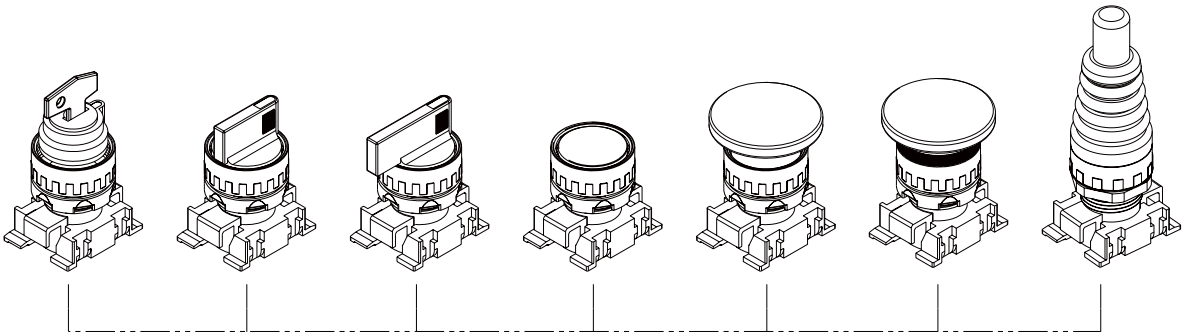
POSSIBLE COMBINATIONS EXAMPLE

2 valves Line 100

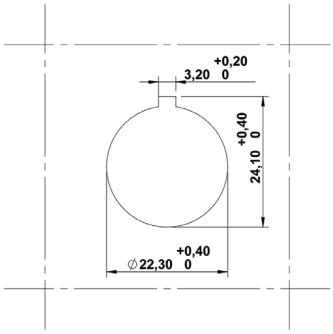
1 valve Line 100

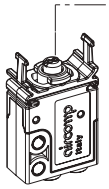
1 valve Line 100 + 1 electric contact

1 valve Line 120 - 125 - 127

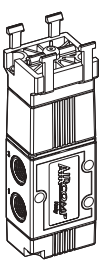


DRILLING MEASURES

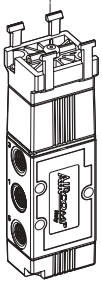




LINE 100



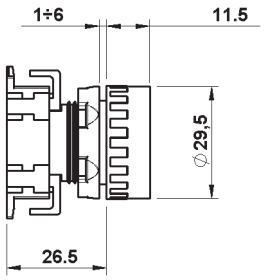
LINE 120
LINE 125
LINE 127



LINE 120
LINE 125
LINE 127

PROTECTED PUSH BOTTON

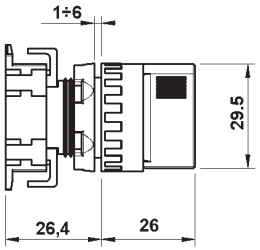
Technopolymer body, round front element



COLOR	CODE	REF.
RED	1003A00074	RT010 PULSANTE + COVER
BLACK	1003A00075	RT010 PULSANTE + COVER
YELLOW	1003A00076	RT010 PULSANTE + COVER
GREEN	1003A00077	RT010 PULSANTE + COVER
WHITE	1003A00078	RT010 PULSANTE + COVER
BLUE	1003A00079	RT010 PULSANTE + COVER

2 - 3 POSITIONS SHORT LEVER SELECTOR

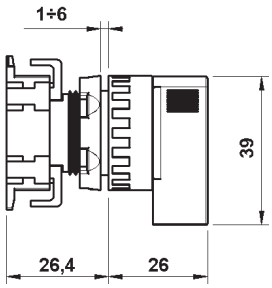
Technopolymer body, round front element.



POSITION	CODE	REF.
	1003A00032	RT300N SELECTOR (2 FIXED POSITIONS)
	1003A00033	RT350N SELECTOR (2 RETURN POSITION)
	1003A00034	RT313N SELECTOR (3 FIXED POSITIONS)
	1003A00035	RT383N SELECTOR (3 RETURN TO CENTRE POSITION)

2 - 3 POSITIONS LONG LEVER SELECTOR

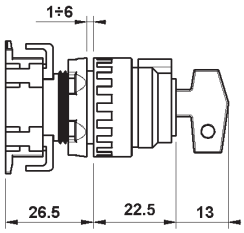
Technopolymer body, round front element.



POSITION	CODE	REF.
	1003A00036	RT400N SELECTOR (2 FIXED POSITIONS)
	1003A00037	RT450N SELECTOR (2 RETURN POSITION)
	1003A00038	RT413N SELECTOR (3 FIXED POSITIONS)
	1003A00039	RT483N SELECTOR (3 RETURN TO CENTRE POSITION)

2 POSITIONS KEY SELECTOR

Technopolymer body, round front element

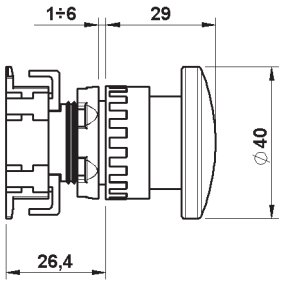


POSITION	CODE	REF.
	1003A00031	RT201N SELECTOR (2 FIXED POSITIONS)

LINE **100-120-125-127** | PANEL ACTUATORS

AXIAL MUSHROOM

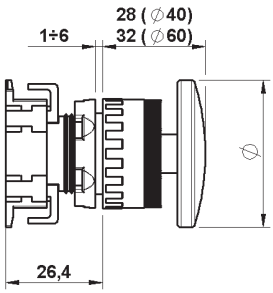
Technopolymer body, round front element.



COLOR	CODE	REF.
RED	1003A00041	RT050R MUSHROOM
BLACK	1003A00042	RT050N MUSHROOM

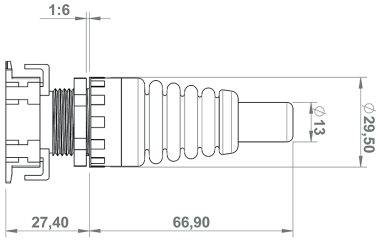
AXIAL MUSHROOM WITH TURN RESET

Technopolymer body, round front element.



COLOR	CODE	REF.
RED	1003A00052	RT065R - 40 MUSHROOM (DIAM. 40mm)
RED	1003A00057	RT065R - 60 MUSHROOM (DIAM. 60mm)

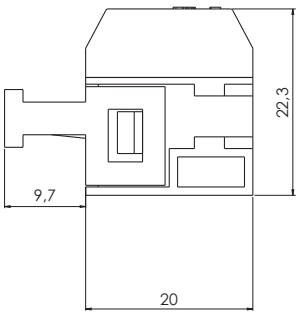
3 POSITIONS LEVER



TYPE	CODE	Function
3 POSITIONS FIXED	1003A00084	
3 POSITIONS RETURN	1003A00085	

ELECTRICAL SWITCH*

For panel actuator.



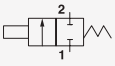
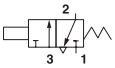
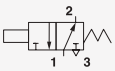
TECHNICAL DATA

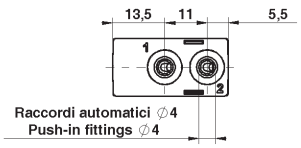
Isolation Voltage	Vi 660
Termichal Current	Ith 12A
Protection	IP 20
Category of use	AC 15

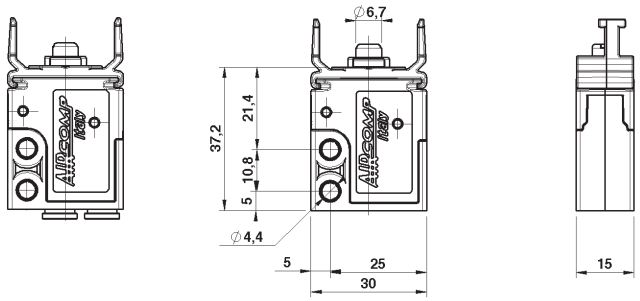
COLOR	CODE	REF.
RED	1003A00050	CONTATTO NC
GREEN	1003A00051	CONTATTO NO

* Suitable for line 100 only.

MICROVALVES FOR PANEL MOUNTING ACTUATORS REAR PORTS

	CODE	REFERENCES
	1000412005 1000492005	MV M5 15 2 PB ML NC P MV AU4 15 2 PB ML NC P
	1000413009 1000493009	MV M5 15 3 PB ML NC P MV AU4 15 3 PB ML NC P
	1000413010 1000493010	MV M5 15 3 PB ML NO P MV AU4 15 3 PB ML NO P





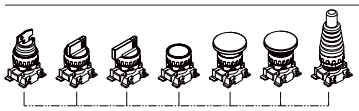
AU4 VERSION M5 VERSION

TECHNICAL DATA

Weight 0,030 kg

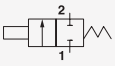
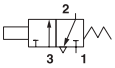
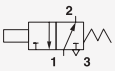
NB: Possible combinations
5/2 = 3/2 NC + 3/2 NO
5/3 Open center = 3/2 NC + 3/2 NC

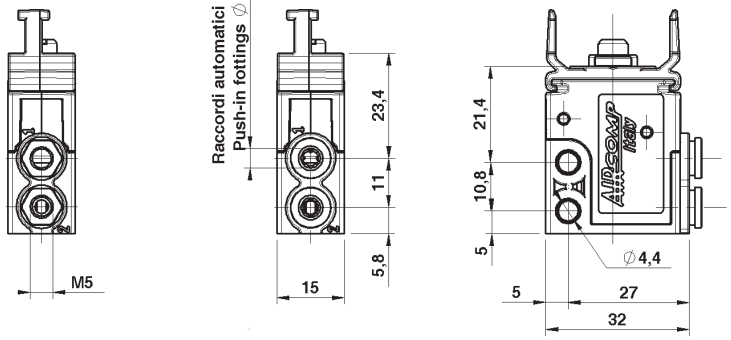
POSSIBLE COMBINATIONS



For pannel actuators see Page 2.87

MICROVALVES FOR PANEL MOUNTING ACTUATORS WITH SIDE PORTS

	CODE	REFERENCES
	1000412105 1000492105	MV ML5 15 2 PB ML NC P MV AL4 15 2 PB ML NC P
	1000413109 1000493109	MV ML5 15 3 PB ML NC P MV AL4 15 3 PB ML NC P
	1000413110 1000493110	MV ML5 15 3 PB ML NO P MV AL4 15 3 PB ML NO P

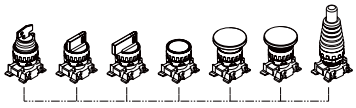


AU4 VERSION M5 VERSION

TECHNICAL DATA

Weight 0,030 kg

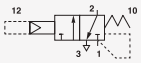
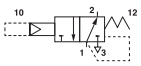
NB: Possible combinations
5/2 = 3/2 NC + 3/2 NO
5/3 Open center = 3/2 NC + 3/2 NC

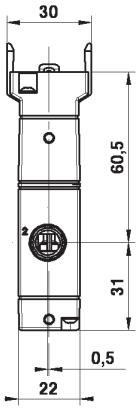


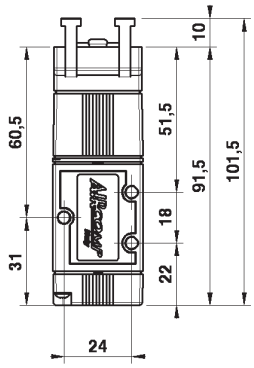
For pannel actuators see Page 2.87

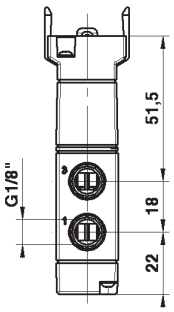
LINE 120-1/8" | VALVES FOR PANEL MOUNTING ACTUATORS

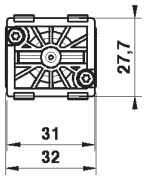
3/2 VALVES FOR PANEL MOUNTING ACTUATORS

	CODE	REFERENCES
	1202523009	ME 1/8" 22 3 PB PM NC P
	1202523010	ME 1/8" 22 3 PB PM NO P





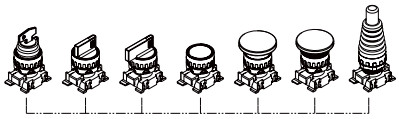




TECHNICAL DATA

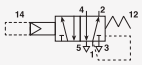
Working pressure 1÷10 Bar (0,1÷1,00 MPa)
Weight 0,078 kg

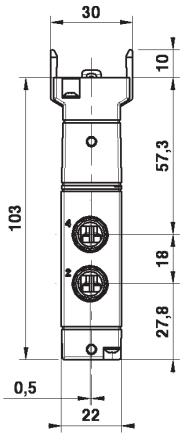
AVAILABLE CONFIGURATIONS (*)

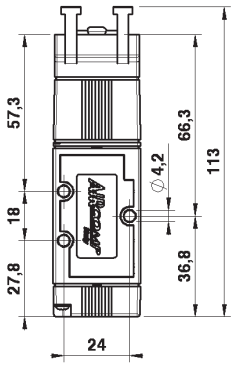


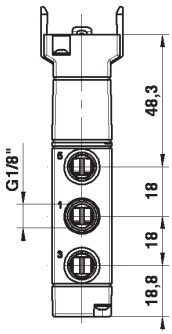
For actuators code and features, refer to page 2.87

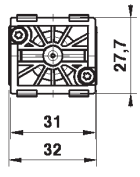
5/2 VALVES FOR PANEL MOUNTING ACTUATORS

	CODE	REFERENCES
	1202525005	ME 1/8" 22 5 PB PM OO P





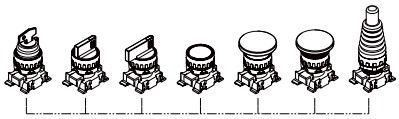




TECHNICAL DATA

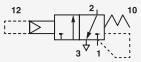
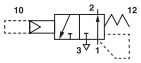
Working pressure 1÷10 Bar (0,01÷1,00 MPa)
Weight 0,085 kg

AVAILABLE CONFIGURATIONS (*)



For actuators code and features, refer to page 2.87

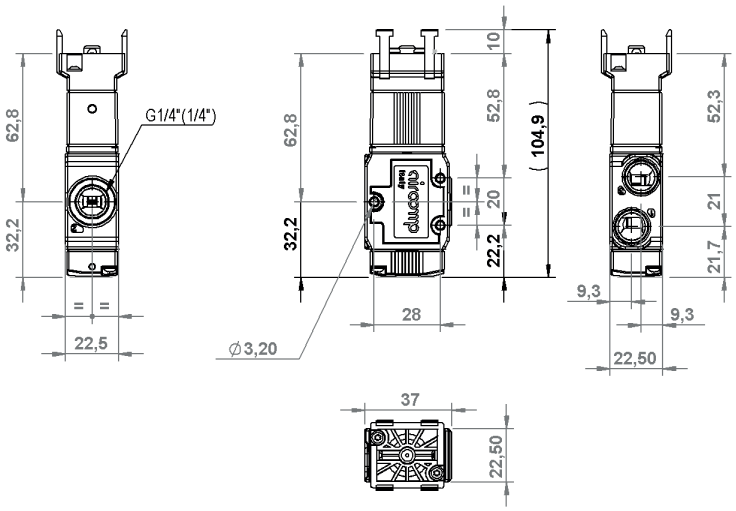
3/2 VALVES FOR PANEL MOUNTING ACTUATORS

	CODE	REFERENCES
	**1252533009**	**MER 1/4" 22 3 PB PM NC P**
	**1252533010**	**MER 1/4" 22 3 PB PM NO P**

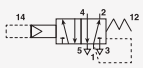
TECHNICAL DATA

Working pressure 1÷10 bar (0,10÷1,00 Mpa)

Weight 0,087 kg



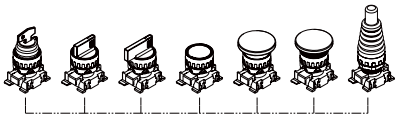
VALVES 5/2 PRE-SET FOR PANEL MOUNTING ACTUATORS

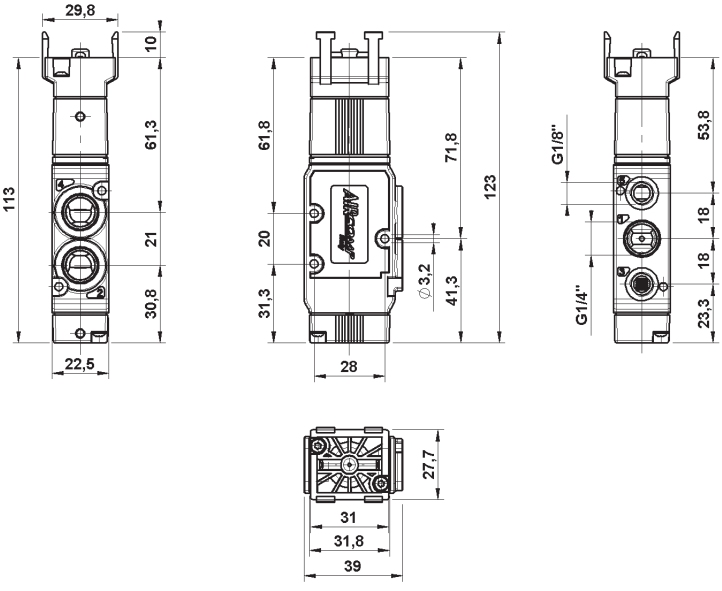
	CODE	REFERENCES
	**1252535005**	**MER 1/4" 22 5 PB PM OO P**

TECHNICAL DATA

Working pressure 1÷10 Bar (0,10÷1,00 MPa)

Weight 0,105 kg

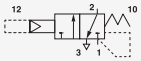
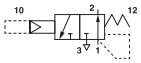




For actuators code and features, refer to page 2.87

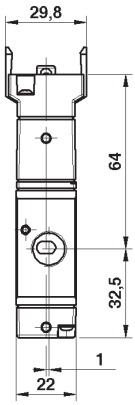
LINE **127-1/4"** | VALVES FOR PANEL MOUNTING ACTUATORS

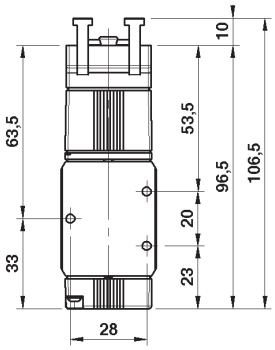
3/2 VALVES FOR PANEL MOUNTING ACTUATORS

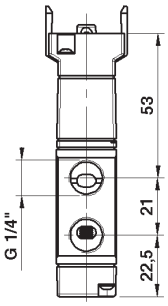
	CODE	REFERENCES
	**1272533009**	**MER 1/4" 22 3 PB PM NC M**
	**1272533010**	**MER 1/4" 22 3 PB PM NO M**

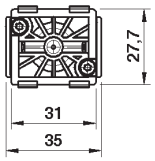
TECHNICAL DATA

Working pressure 1÷10 Bar (0,10÷1,00 MPa)
Weight 0,138 kg

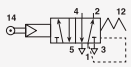






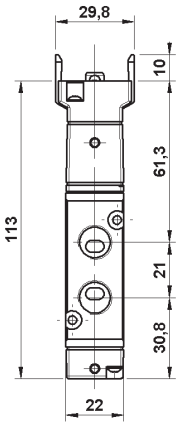


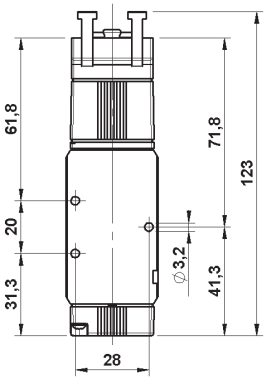
5/2 VALVES FOR PANEL MOUNTING ACTUATORS

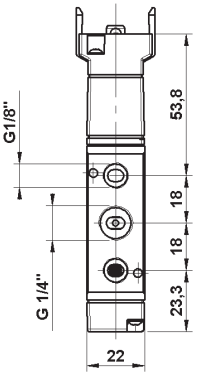
	CODE	REFERENCES
	**1272535002**	**MER 1/4" 22 5 PB PM OO M**

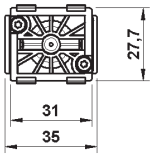
TECHNICAL DATA

Working pressure 1÷10 Bar (0,10÷1,00 MPa)
Thrust force (a 6 Bar) 4,5 N
Weight 0,146 kg

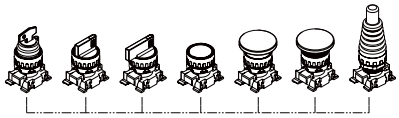








AVAILABLE CONFIGURATIONS (*)



For actuators code and features, refer to page 2.87

LINE **100-120-125-127** | PANEL ACTUATORS

PUSH-BUTTON PROTECTION

COLOR	CODE	CONF.
TRANSPARENT	1003A00080	10 pieces

MUSHROOM PROTECTION

COLOR	CODE	CONF.
YELLOW	1003A00086	5 pieces

SELECTOR PROTECTION

COLOR	CODE	CONF.
GREY	1003A 00087	5 pieces

PLASTIC PLATE EMERGENCY-STOP

COLOR	CODE	Ø	CONF.
YELLOW	1003A00088	40mm	10 pieces
YELLOW	1003A00089	60mm	10 pieces

PLATE FOR SELECTOR (NEUTRAL)

COLOR	CODE	CONF.
BLACK	1003A00090	10 pieces

PANEL PLUG

COLOR	CODE	CONF.
GREY	1003A00091	10 pieces