

AirLINE - the valve island optimized for process automation

8652

- Compact design
- Easy diagnostics by LC display
- Process reliability through pneumatic functions
- Optimized for installation at the bottom of the control cabinet



CLICK ME



FOR DATA SHEET

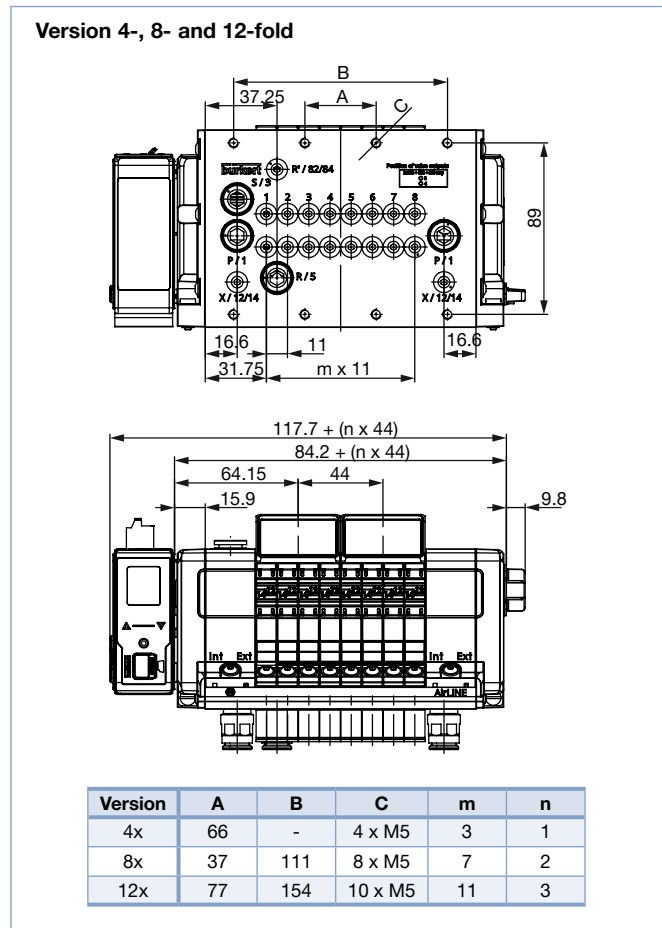
The valve island Type 8652 AirLINE has been especially developed for applications in process automation. New diagnostic functions can be visualized at the LC display, both in clear text as well as symbols. This makes it easy to relate to the shown messages and helps to save time during start-up and maintenance. Furthermore the diagnostic message is also available in the control. This therefore enables a fast overview of the plant status. The hardware is optimized for installation at the bottom of the control cabinet. Of course it is also possible to fix the AirLINE to top hat rail. Moreover, key pneumatic functions ensure increased process reliability. For instance, the non-return valves in the exhaust air ducts make sure there is no unplanned actuation due to pressure peaks. Optional 5/2 way and 5/3 way on request.

Technical Data

Body material	PA (polyamide)
Seal material	NBR, PUR
Width/station	11 mm
Manual override	Yes
Pressure range	Vac. to 10 bar
Max. number of modules	6
Number of valve slots per module	4 valve slots (max. 8 valve functions)
Max. number of valve functions	48
Degree of protection	IP 20
Manual override	Available and lockable
Operating voltage	24 V DC
Voltage tolerance	±10%
Nominal power per valve	0.7 W (0.175 W after power reduction)
Nominal current per valve	29 mA (10 mA after power reduction)
Valve island flow	310 l/min ¹⁾
Approvals	cULus
Optional	cURus Haz. Loc. Cl I, II, III, Div2

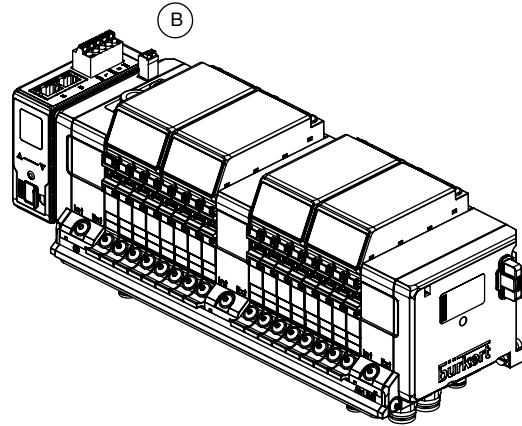
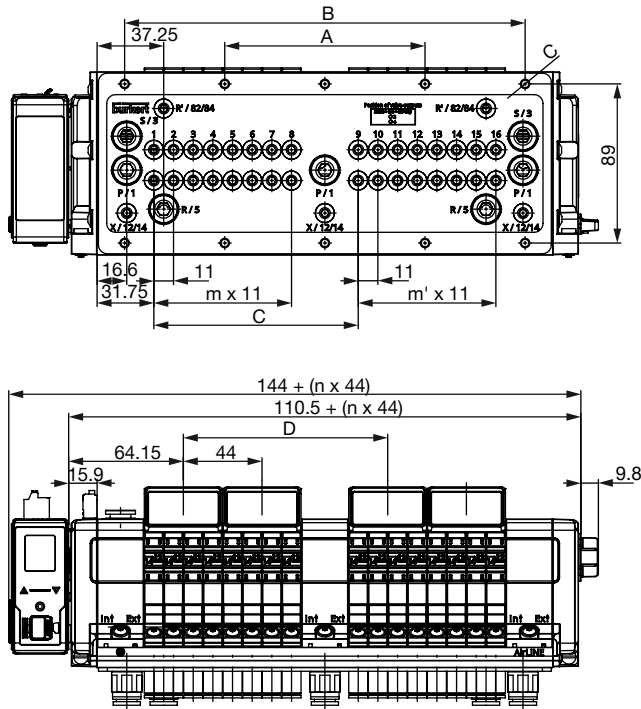
¹⁾ Maximum flow depending on the valve function

Dimensions [mm] (see datasheet for details)



Dimensions continued [mm] (see datasheet for details)

Version 16-, 20- and 24-fold



Version	A	B	C	D	m	m'	n
16x	112	224	10 x M5	114.3	7	7	4
20x	134	268	10 x M5	158.3	11	7	5
24x	156	312	10 x M5	158.3	11	11	6

Ordering Chart

Valves	Function	Total outputs	Flow rate	Control air	Valve output	Check valve	Pressure sensor	Digital inputs	Communication	cULus	Item no.
Airline QUICK Adapter Plate: Stainless Steel											
4	(2) 3/2 Pilots	8	310 l/min	"3/8"" Push-fit (Internal)"	1/4" Push-fit	no	no	no	Ethernet	yes	20037470
8	(2) 3/2 Pilots	16	310 l/min	"3/8"" Push-fit (Internal)"	1/4" Push-fit	no	no	no	Ethernet	yes	20007245
12	(2) 3/2 Pilots	24	310 l/min	"3/8"" Push-fit (Internal)"	1/4" Push-fit	no	no	no	Ethernet	yes	20007250
24	(2) 3/2 Pilots	48	310 l/min	"3/8"" Push-fit (Internal)"	1/4" Push-fit	no	no	no	Ethernet	yes	20007252
Airline QUICK Adapter Plate: Aluminum											
4	(2) 3/2 Pilots	8	310 l/min	"3/8"" Push-fit (Internal)"	1/4" Push-fit	no	no	no	Ethernet	yes	20043952
8	(2) 3/2 Pilots	16	310 l/min	"3/8"" Push-fit (Internal)"	1/4" Push-fit	no	no	no	Ethernet	yes	20043953
12	(2) 3/2 Pilots	24	310 l/min	"3/8"" Push-fit (Internal)"	1/4" Push-fit	no	no	no	Ethernet	yes	20043954
24	(2) 3/2 Pilots	48	310 l/min	"3/8"" Push-fit (Internal)"	1/4" Push-fit	no	no	no	Ethernet	yes	20043955