

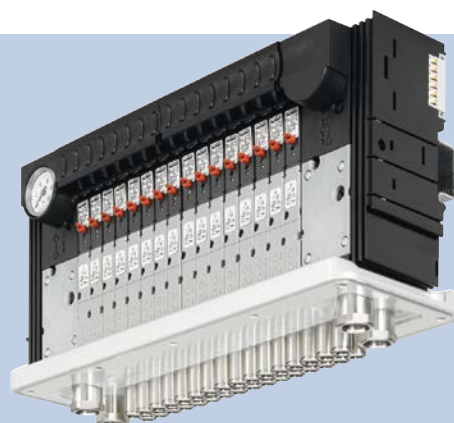
# AirLINE Quick

## Electrical/pneumatic automation system

8644

### Compatible with systems Wago, Phoenix, Rockwell and Siemens

- Combination of fieldbus, pilot valves and I/O modules
- AirLINE Quick - Stainless steel mounting plate saves time, effort and cost
- Compact design
- High flow rates



The AirLINE system provides a universal interface between process and system control. It integrates electrical and pneumatic devices in an assembly group, which allows a modular and flexible structure comprising of fieldbus modules, pilot valves and I/O modules through a simple snap-in technique.

AirLINE Quick adapter plate, with integrated fluid connections (hose connectors), can be attached directly to the cabinet wall.

This reduces installation costs and the cabinet can be smaller. The hygienic design allows the cabinet to be placed closer to the process. Hose distances can be shortened.

### Technical data

	Pilot valve 6524, 6525
<b>Width/station</b>	11 mm
<b>Circuit function</b>	C (3/2) H (5/2)
<b>Flow rate</b>	300 l/min
<b>Pressure range</b>	2,5 to 10 bar
<b>Module types</b>	2x and 8x (integrated check valve and P-shut-off optional)
<b>Fieldbus</b>	PROFIBUS DP, INTERBUS, DeviceNet, CANopen, Ethernet, further on request
<b>Electrical modules</b>	WAGO I/O System 750 PHOENIX INLINE Siemens ET200S Rockwell Point I/O
<b>Operating voltage</b>	24 V DC
<b>Residual ripple</b>	1 V <sub>ss</sub>
<b>Nominal power per valve</b>	1 W (0.5 W Nominal power after 120 ms)
<b>Nominal current per valve</b>	43 mA (28 mA hold current after 120 ms) 41 mA (when using the Type 0460)
<b>Temperatures</b>	
Ambient	0 °C to +55 °C
Storage	-20 °C to +60 °C
<b>Type of protection</b>	IP20 IP65 in closed cabinet
<b>Approvals</b>	Zone 2

## Ordering chart

Valve functions	AirLINE Quick	Item no.			
		Siemens ET 200S	Wago I/O System 750	Rockwell Point I/O	Phoenix Contact INLINE
<b>Type 8644 AirLINE Quick with 3/2 and 5/2-way functions</b>					
8 x 3/2	Anodised aluminium	239 952	239 982	254 389	254 323
8 x 5/2		239 956	239 987	254 428	254 334
8 x 2 x 3/2		239 948	239 978	245 818	254 282
12 x 5/2		252 396	253 757	254 437	254 432
12 x 2 x 3/2		246 849	248 097	254 340	254 242
16 x 5/2		239 958	239 990	254 554	241 610
16 x 2 x 3/2		239 950	239 980	254 560	240 906
16 x 2 x 3/2		–	–	254 571	254 606
24 x 5/2		248 090	248 104	254 564	254 610
24 x 2 x 3/2		248 099	248 094	254 575	254 614
<b>Type 8644 AirLINE Quick with 3/2 and 5/2-way functions</b>					
8 x 3/2	Stainless steel 1.4301	239 941	239 970	254 390	254 331
8 x 5/2		239 944	239 973	254 429	254 335
8 x 2 x 3/2		239 937	239 967	254 330	254 283
12 x 5/2		253 751	253 759	254 438	254 434
12 x 2 x 3/2		248 117	248 100	254 329	254 275
16 x 5/2		239 946	239 975	254 555	241 586
16 x 2 x 3/2		239 939	233 301	254 561	254 586
16 x 2 x 3/2		–	–	254 572	254 607
24 x 5/2		248 091	248 105	254 565	254 611
24 x 2 x 3/2		246 870	248 095	254 577	254 669

## Ordering chart (Continued)

Valve functions	AirLINE Quick	Item no.					
		Siemens ET 200S	Wago I/O System 750	Rockwell Point I/O	Phoenix Contact INLINE		
<b>Type 8644 AirLINE Quick with 3/2- and 5/2-way functions including process safety functions, pneumatic HotSwap and check valves</b>							
8644 8 x 3/2	Anodised aluminium	239 953	239 983	254 391	254 332		
		239 957	239 988	254 430	254 336		
		239 949	239 979	244 856	254 284		
		171 778	253 758	254 439	254 435		
		248 121	244 418	254 342	254 280		
		239 959	239 991	254 557	254 584		
		239 951	239 981	254 562	254 605		
		–	–	254 573	254 608		
		248 092	248 107	254 566	254 612		
		248 101	248 096	254 580	254 672		
		8 x 3/2	Stainless steel 1.4301	239 942	239 971	254 392	254 333
		8 x 5/2		239 945	239 974	254 277	254 337
8 x 2 x 3/2	239 938	239 968		254 388	241 661		
12 x 5/2	253 755	253 760		254 440	254 436		
12 x 2 x 3/2	244 417	248 123		254 348	254 281		
1 6x 5/2	239 947	239 977		254 559	245 257		
16 x 2 x 3/2	239 940	239 969		254 563	241 662		
16 x 2 x 3/2	–	–		254 574	254 609		
24 x 5/2	248 093	248 108		254 567	254 613		
24 x 2 x 3/2	248 102	248 098		254 581	254 674		

## On the dot.

Precision components dosing liquids in the microlitre ( $\mu$ l) range require tolerances under  $\pm 1\%$ . And when handling aggressive media, outstanding chemical inertness is paramount as well. Bürkert offers an unparalleled solution to meet both of these demands: the Micro Dosing Unit 7615. It ensures high accuracy and reproducibility, pumps in both directions, and can be flushed conveniently. It's also very simple to install, making it the ideal choice for all your tasks – from analytical to medical!

**We make ideas flow.**

