

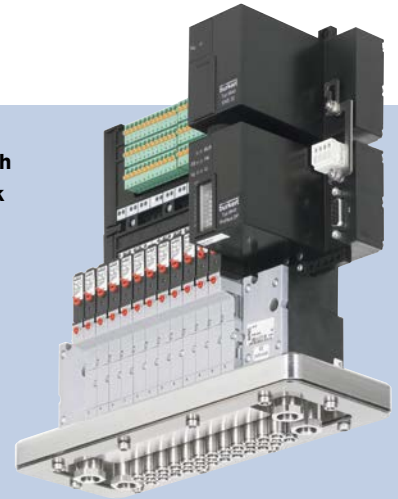
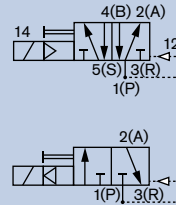
Modular pneumatic valve unit

8640

AirLINE and AirLINE Quick

- Compact design
- Modular configuration
- Cost savings in the control cabinet with AirLINE Quick
- Simple exchange of valves

Type 8640 with AirLINE Quick



The versatile operational capability of the valve terminal, Type 8640, in the food and beverage industry will push in extended connections for hygienic applications by AirLINE Quick adapter plate with stainless steel and stainless steel. Installation and commissioning times are reduced to a minimum. For general applications AirLINE Quick is available in aluminum.

Technical Data

Body material	PA (Polyamide)
Seal material	FKM, NBR
Medium	Lubricated and non-lubricated dry air; neutral gases (5 µm filter)
Manual override	Yes
Voltage	24 V DC
Voltage tolerance	±10%
Nominal power	1 W per valve
Duty cycle	Continuous operation (100% ED)
QNn	300 l/min
Pilot method	Flipper pilot valve
Circuit function	3/2-way, normally closed, 5/2-way
Pressure range	2.5–10 bar
Width/station	11 mm
Ambient temperature	0 °C to +55 °C
Protection class	3 acc. to VDE 0580
Type of protection	IP20 with terminal
Orifice	4 mm
Pneumatic connection	6 mm Push-in



Our fieldbus modules (Profinet IO, Profibus DP, Modbus TCP) can be combined under a bus address each with up to 7 RIO slave modules. Valve terminals with Modbus TCP on request.

Ordering chart

Valve function	Digital input	Item no.				
		Profinet IO	Profibus DP	RIO Slave	Common connection	Multipin
Type 8640 Standard 3/2- and 5/2-way functions						
8 x 3/2		253 644	216 223	187 663	203 956	706 532
	8	253 651	230 792	237 091	-	231 603
8 x 5/2		253 767	210 182	253 242	227 951	706 854
	16	253 769	224 071	253 245	-	253 244
8 x 2 x 3/2		253 679	189 667	237 096	208 382	224 404
	16	253 683	237 110	237 097	-	237 073
12 x 5/2		253 770	710 531	253 251	189 279	708 412
	24	253 771	710 046	253 247	-	207 607
12 x 2 x 3/2		253 703	208 176	218 304	235 702	182 089
	24	253 706	218 307	218 308	-	173 571
16 x 3/2		253 656	189 291	235 597	708 042	706 713
	16	253 666	178 229	174 333	-	177 419
16 x 5/2		253 773	709 711	710 317	708 751	169 891
	32	253 774	234 195	253 253	-	253 254
24 x 3/2		253 672	710 320	710 457	202 871	169 920
	24	253 675	215 422	214 681	-	707 368
24 x 5/2		253 776	182 710	253 258	181 735	182 716

8640

Valve function	Digital input	Manual/ Automatic switch	Item no.				
			Profinet IO	Profibus DP	RIO Slave	Common connection	Multipin
Type 8640 Standard 3/2- and 5/2-way functions including process safety functions, pneumatic HotSwap and check valves							
8 x 3/2			253 646	218 900	236 139	208 250	219 010
		Yes	253 648	218 898	237 057	-	237 069
	8		253 652	219 041	229 922	-	237 075
	8	Yes	253 654	218 894	237 092	-	219 572
8 x 5/2			253 589	218 906	237 093	213 074	707 131
	8		253 595	218 902	237 094	-	237 076
	16		253 599	218 904	237 095	-	229 577
8 x 2 x 3/2			253 681	236 022	237 071	226 084	179 369
	16		253 684	230 105	164 850	-	237 077
12 x 2 x 3/2			253 705	235 781	173 388	226 086	226 360
	24		253 708	230 102	236 014	-	179 368

Ordering chart (Continued)

8640

Valve function	Digital input	Manual/ Automatic switch	Profinet IO	Profibus DP	Item no. RIO Slave	Common connection	Multipin
Type 8640 Standard 3/2- and 5/2-way functions including process safety functions, pneumatic HotSwap and check valves							
16 x 3/2			253 658	219 042	236 140	219 386	217 779
	16		253 670	212 180	227 905	–	237 079
	16	Yes	253 676	212 179	237 099	–	237 080
	32		253 664	212 182	220 612	–	237 083
	32	Yes	253 669	212 181	220 611	–	237 081
16 x 5/2			253 601	218 956	237 100	225 861	237 084
		Yes	253 603	218 955	237 101	–	237 085
	16		253 606	212 184	237 104	–	237 089
	16	Yes	253 608	212 183	237 102	–	237 088
	32		253 627	212 187	230 230	–	229 588
	32	Yes	253 628	215 840	215 841	–	237 090
24 x 3/2			253 680	213 292	214 416	183 055	171 115
		Yes	253 674	213 291	213 491	–	–
	24		253 677	212 109	212 115	–	707 369
	24	Yes	250 280	207 661	212 111	–	–
24 x 5/2			253 629	172 040	237 106	213 280	217 482
		Yes	253 631	237 108	237 107	–	–
	24		253 638	213 459	213 503	–	707 370
	24	Yes	253 641	213 458	213 493	–	–

Valve function	Digital input	AirLINE Quick	Profinet IO	Profibus DP	Item no. RIO Slave	Common connection	Multipin
Type 8640 AirLINE Quick with 3/2- and 5/2-way functions							
4 x 2 x 3/2		Anodised alu- minium	–	–	–	243 003	247 995
8 x 2 x 3/2			253 359	230 189	233 843	230 292	230 619
	16		253 495	230 195	233 933	–	230 543
12 x 2 x 3/2			253 539	230 196	233 953	230 295	230 616
	24		253 544	230 198	236 050	–	230 620
16 x 5/2			253 556	247 613	247 571	247 621	247 887
	32		253 560	247 618	247 625	–	247 895

Ordering chart (Continued)

Valve function	Digital input	AirLINE Quick	Item no.				
			Profinet IO	Profibus DP	RIO Slave	Common connection	Multipin
Type 8640 AirLINE Quick with 3/2- and 5/2-way functions							
4 x 2 x 3/2		Stainless steel 1.4301	–	–	–	247 986	247 997
8 x 2 x 3/2			253 360	230 183	233 886	230 290	230 617
	16		253 496	230 193	233 936	–	230 542
12 x 2 x 3/2			253 540	230 197	233 954	230 293	230 615
	24		253 552	230 200	236 041	–	230 622
16 x 5/2			253 557	247 615	247 587	247 622	247 892
	32		253 561	246 868	247 628	–	247 896

8640

Valve function	Digital input	AirLINE Quick	Item no.				
			Profinet IO	Profibus DP	RIO Slave	Common connection	Multipin
Type 8640 AirLINE Quick with 3/2- and 5/2-way functions including process safety functions, pneumatic HotSwap and check valves							
4 x 2 x 3/2		Anodised aluminium	–	–	–	247 987	247 998
8 x 2 x 3/2			253 362	230 711	233 865	231 117	230 860
	16		253 535	230 712	233 935	–	230 871
12 x 2 x 3/2			253 541	230 749	233 957	230 846	230 506
	24		253 553	230 876	236 047	–	230 841
16 x 5/2			253 558	247 616	247 603	247 624	247 893
	32		253 562	247 619	247 629	–	247 899
4 x 2 x 3/2			Stainless steel 1.4301	–	–	–	247 991
8 x 2 x 3/2		253 444		230 709	233 794	231 113	230 859
	16	253 538		230 714	233 930	–	230 870
12 x 2 x 3/2		253 543		230 808	233 955	230 845	230 840
	24	253 555		230 154	235 991	–	230 842
16 x 5/2		253 559		247 617	247 605	247 626	247 894
	32	253 563		247 620	247 630	–	247 900