






Modular valve island for pneumatics

- Compact design
- Modular configuration
- Higher flexibility in control cabinet due to AirLINE Quick
- Simple exchange of valves (with option "P-shut-off" – also possible during operation)

Product variants described in the data sheet may differ from the product presentation and description.

Can be combined with

	Type 6524 ▶ 3/2-way or 2 x 3/2-way solenoid valve for pneumatic applications
	Type 6525 ▶ 5/2-way solenoid valve for pneumatic applications
	Type 8614 ▶ Pneumatic control cabinet solutions for hygienic process environments
	Type 0498 ▶ Double pilot controlled check valve for realising 5/3 way function with all ports blocked
	Type 2000 ▶ Pneumatically operated 2/2 way angle seat valve CLASSIC

Type description

The 8640 valve unit system is designed to solve diverse and complex control problems due to its systematic modular construction and combination of pneumatic and electrical interfaces. By putting together a row of pneumatic modules with different numbers of valves, 2 to 24 valve functionalities may be realized on one valve unit. Electrical connectivity is achieved by either fieldbus interfaces, common connection (parallel connection technique) or multipin interfaces. The valves allow different applications to be covered. Bodies and connection modules are made of high-quality plastic (polyamide) and are easy to assemble by means of the built-in snap connectors.

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1. General Technical Data

1.1. General data

Solenoid valves	Type 0460, Type 6524, Type 6525	Type 0461, Type 6526, Type 6527	Type 5470
Product properties			
Width/station	11 mm	16.5 mm	18 mm
Feedback	Max. 32	Max. 32	Max. 32
Switching function ^{1.)}	C and D (3/2) H (5/2) H (5/2) Impulse L (5/3) in middle position all ports closed N (5/3) in middle position all ports vented	C and D (3/2) H (5/2) H (5/2) Impulse L (5/3) in middle position all ports closed N (5/3) in middle position all ports vented	C and D (3/2) G (4/2)
Performance data			
Pressure range	Vak...10 bar	Vak...10 bar	2...10 bar
Flow (Q_{Nn} value air)	300 l/min ^{2.)}	700 l/min ^{2.)}	300 l/min
Nominal operating mode	Continuous operation, 100 % ED	Continuous operation, 100 % ED	Continuous operation, 100 % ED
Valve functions (per island)	Max. 24	Max. 24	Max. 24
Electrical data			
Operating voltage	24 V DC	24 V DC	24 V DC
Voltage tolerance	± 10 %	± 10 %	± 10 %
Protection class	3 acc. VDE 0580	3 acc. VDE 0580	3 acc. VDE 0580
Total current	(Depending on the electrical connection technology)		
With common connection	max. 3 A (sum of current through individual valves)		
With multipin connection	max. 3 A (sum of current through individual valves) + max. 3 A (repeater)		
With fieldbus connection	$I_{TOTAL} = I_{BASE} + (n \times I_{VALVE}) + (m \times I_{REPEATER})$ n=quantity of valves, m=quantity of repeaters, I_{VALVE} = rated current of each valve $I_{REPEATER}$ = rated current of each repeater, $m \times I_{REPEATER}$ =max. 650 mA I_{BASE} =200 mA spec. base current Profibus-DP		
Nominal power	1 W	2 W, 1 W	1 W, 2 W, 3 W
Process/Port connection & communication			
Electrical connection	Common connection (parallel connection) / Multipin (D-Sub, 25 pin) / Profibus-DP / CANopen / Profinet IO / Ethernet I/P / Modbus TCP		
Approvals and certificates			
Degree of protection	IP20 with terminals	IP20 with terminals	IP20 with terminals
Environment and installation			
Ambient temperature	0...+55 °C (with Type 0460: 0...+50 °C)	0...+55 °C	- 10...+55 °C

1.) Detailed information can be found in chapter "2. Circuit functions" on page 9.

2.) Maximum flow rate depending on valve function - Detailed information can be found in chapter 1.2 to 6.

1.2. 11 mm width per station: solenoid valves Type 6524 and Type 6525

Note:

- The solenoid valve Types 6524 and 6525 consist of a 6144 flipper pilot valve and a pneumatic seat valve. The principle allows switching of high pressures together with low power consumption and fast response times. The pilot valves are equipped with manual override as a standard.
- Detailed information about ordering information see “5.3. Ordering chart spare valves Type 6524 and 6525” on page 16.
- Detailed information about further valve options see “5.8. Ordering chart accessories” on page 21.



Circuit function	3/2 way valve	2 x 3/2 way valve
Product properties		
Material		
Body	PA (Polyamide)	
Seal	FPM, NBR and PUR	
Manual override	Standard	
Pneumatic modules	Type MP11 with push-in connection, diameter 6 mm, D¼	
Performance data		
Pressure data	Overpressure with respect to atmospheric pressure	
Flow (Q _{Nn} value air)	Measured at +20 °C, 6 bar pressure at valve inlet and 1 bar pressure difference pressure	
Nominal operating mode	Continuous operation (100 % ED)	
Switching times	Measured according to ISO 12238	
Electrical data		
Operating voltage	24 V DC (10 % residual ripple allowed)	
Nominal power	0.8 W	2 x 0.8 W with reduction of power
Medium data		
Operating medium	Lubricated and non lubricated dry compressed air; neutral gases (5µm filter recommended)	
Process/Port connection & communication		
Port connection size	Flange for MP11	
Electrical connection (on valve)	With 2 screws M2 x 20	With 2 screws M2 x 28
Environment and installation		
Installation position	As required, preferably with actuator upright	
Assembly conditions	With 2 screws M2 x 20	With 2 screws M2 x 28

1.3. 11 mm width per station: solenoid valve Type 0460

Note:

- The solenoid valve Type 0460 consists of a pneumatic valve body fitted with a double coil pilot valve. The principle allows switching of high pressures together with low power consumption and fast response times. All valves are equipped with manual override as a standard.
- Detailed information about ordering information see [“5.4. Ordering chart spare valves Type 0460” on page 17.](#)
- Detailed information about further valve options see [“5.8. Ordering chart accessories” on page 21.](#)



Product properties	
Material	
Body	Aluminium
Seal	NBR
Pneumatic modules	Type MP11 with push-in connection, diameter 6 mm, D¼
Width per valve	11 mm
Manual override	Standard
Performance data	
Pressure data	Overpressure to the atmospheric pressure
Flow (Q _{Nn} value air)	Measured at +20 °C, 6 bar pressure at valve inlet and 1 bar pressure difference
Switching times	Measured according to ISO 12238
Electrical data	
Operating voltage	24 V DC ± 10 %
Medium data	
Operating medium	Lubricated and non lubricated dry compressed air; neutral gases (5µm filter recommended)
Process/Port connection & communication	
Port connection size	Flange
Electrical connection (on valve)	Rectangular plug

1.4. 16.5 mm width per station: solenoid valve Type 0461

Note:

- The pilot valves of Type 0461 consist of a pilot solenoid valve with double coil and a pneumatic slide valve. The operating principle allows switching of high pressures with low power consumption and short switching times. All valves are equipped with a manual override as standard.
- Detailed information about ordering information see [“5.5. Ordering chart spare valves Type 0461” on page 18.](#)
- Detailed information about further valve options see [“5.8. Ordering chart accessories” on page 21.](#)



Product properties	
Material	
Body	Aluminium
Seal	NBR
Pneumatic modules	Type MP12 with push-in connection, diameter 8 mm
Width per valve	16.5 mm
Manual override	Standard
Performance data	
Pressure data	Overpressure to the atmospheric pressure
Flow (Q_{Nn} value air)	Measured at +20 °C, 6 bar pressure at valve inlet and 1 bar pressure difference
Switching times	Measured according to ISO 12238
Electrical data	
Operating medium	24 V DC \pm 10 %
Medium data	
Operating medium	Lubricated and non lubricated dry compressed air; neutral gases (5 μ m filter recommended)
Process/Port connection & communication	
Port connection size	Flange
Electrical connection	Rectangular plug

1.5. 16.5 mm width per station: solenoid valve Types 6526 and 6527

Note:

- The solenoid valve Types 6526 and 6527 consist of a pneumatic valve body fitted with Type 6106 rocker pilot valve. The rocker principle allows switching of high pressure at low power consumption and fast response times. The pilot valves are equipped with manual override as a standard.
- Detailed information about ordering information see [“5.6. Ordering chart spare valves Type 6526 und Typ 6527” on page 19.](#)
- Detailed information about further valve options see [“5.8. Ordering chart accessories” on page 21.](#)



Product properties	
Material	
Body	PA (Polyamide)
Seal	NBR
Pneumatic modules	Type MP12 with push-in connection, diameter Ø 8 mm
Width per valve	16.5 mm
Manual override	Standard
Performance data	
Pressure data	Overpressure to the atmospheric pressure
Flow (Q_{Nn} value air)	Measured at +20 °C, 6 bar pressure at valve inlet and 1 bar pressure difference
Nominal operating mode	Continuous operation (100 % ED)
Switching times	Measured acc. to ISO 12238
Electrical data	
Operating voltage	24 V DC ± 10 %
Nominal power	2 W, 1 W
Medium data	
Medium	Lubricated and non-lubricated dry air, neutral gases (5 µm filter)
Process/Port connection & communication	
Port connection	Flange for MP12
Electrical connection	Tag connector acc. to DIN EN 175301 - 803 (previously DIN 43650) Form C
Environment and installation	
Installation position	As required, preferably with pilot valve upright
Assembly conditions	With 2 screws M3 × 30

1.6. 18 mm width per station: solenoid valve Type 5470

Note:

- The solenoid valve Type 5470 consist of a pneumatic valve body fitted with Type 6106 rocker pilot valve. An armature with a tilting bearing, similar or a rocker, tilts within the body of the pilot valve, and switches the valve. The minimal tilting movement of the rocker is non-wearing, and basic lubrication is unnecessary. The Type 5470 R is available as a 3/2 and 4/2 way valve. The valves can be mounted together individually using the module flange. In various applications, they can be used advantageously as valve blocks. Different variants are available for service ports 2 and 4.
- Detailed information about ordering information see [“5.7. Ordering chart spare valves Type 5470” on page 20.](#)
- Detailed information about further valve options see [“5.8. Ordering chart accessories” on page 21.](#)



Product properties	
Material	
Body	PA (Polyamide)
Seal	NBR
Nominal diameter/Orifice	DN 4.0
Width/station	18 mm
Performance data	
Nominal operating mode	Continuous operation (100 % ED)
Electrical data	
Operating voltage	24 V DC, 110...120 V DC, 220...240 V DC (for alternating current, use valves with UC-coil)
Voltage tolerance	± 10 %
Medium data	
Medium	Compressed air, neutral gases (5 µm-filter)
Medium temperature	- 10...+ 50 °C
Process/Port connection & communication	
Supply port connections 1 and 3	Module flange
Service port connections 2 and 4 (variants)	Threaded port G 1/8, Threaded port NPT 1/8, Tube connection SL 6/4 mm, Push-in Ø 6 mm
Electrical connection	Tag connector acc. to DIN 43 650 Form C, for cable plug Type 2516
Approvals and certificates	
Degree of protection	IP65 (with cable plug)
Ignition protection	EEx ia IIC T6 on request
Environment and installation	
Installation position	As required, preferably with pilot valve upright
Ambient temperature	- 10...+ 55 °C

1.7. AirLINE Quick-Adapter

Note:

- AirLINE Quick significantly reduces the use of components in the control cabinet. With the AirLINE Quick adapter, the valve island is adapted directly to the control cabinet floor or wall.
- The valves of type 0460 cannot be installed with AirLINE Quick due to their size.
- Detailed information regarding product assembly see [“AirLINE Quick-Adapter” on page 14.](#)

Your advantages:

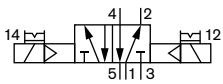
- Less space required in the control cabinet
- This allows the use of more compact control cabinets
- Reduced installation effort due to hose connections directly on the control cabinet floor

Product properties	
Material	
AirLINE Quick adapter	Stainless steel 1.4301, anodised Aluminium
Pneumatic connections	Stainless steel 1.4301, Brass nickel-plated
Valve functions per station	4, 8, 12, 16 and 24
Process/Port connection & communication	
Connections	
Pneumatic feed	G ¼, NPT ¼
Pneumatic working connections	Push-in D6 mm, D ¼"
Environment and installation	
Installation position	Control cabinet wall Enclosure floor

2. Circuit functions

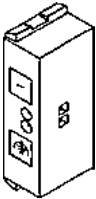
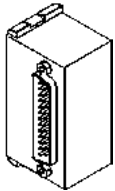
Circuit Function	Description
	Type: C, solenoid valve 3/2 way Servo-controlled, with manual mode Normally closed
	Type: C, solenoid valve 2 x 3/2 way Servo-controlled, with manual mode Normally closed
	Type: D, solenoid valve 3/2 way Servo-controlled, with manual mode Normally open
	Type: G, solenoid valve 4/2 way Servo-controlled
	Type: H, solenoid valve 5/2 way Servo-controlled, pilot air and manual mode Pressure applied via port (1), therefore one of the two ports (2) or (4) is under pressure.
	Type: L, solenoid valve 5/3 way With manual mode In middle position all ports locked
	Type: N, solenoid valve 5/3 way With manual mode In middle position ports 2 and 4 exhausted There is always one of the two outlet ports (2) or (4) pressurized when coil is activated.

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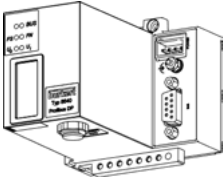
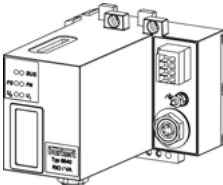
Circuit Function	Description
	Type: Z, solenoid valve 5/2 way Impulse version with 2 coils and manual mode Normally open Pressure applied via port (1), therefore one of the two ports (2) or (4) is under pressure.

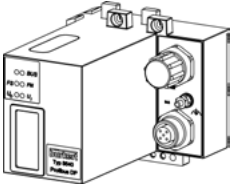
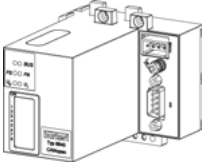
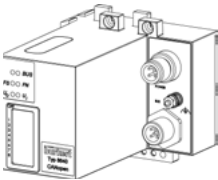
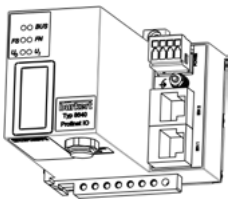
3. Device/Process connections

3.1. Collective line- and multipol-modules

Module	Description
Collective connection module 	<ul style="list-style-type: none"> • Connection via individual stranded wires • Looped-through ground potential • Max. 24 valves • Degree of protection IP20 • Screw terminal
Multipin module Valve outputs 	<ul style="list-style-type: none"> • Max. 24 valves • Degree of protection IP20 • Electrical connection plug D-Sub (2 pin)

3.2. Fieldbus modules

Module	Description
PROFIBUS-DP 	<ul style="list-style-type: none"> • Max. 24 valves • Degree of protection IP20 • Max. 32 repeaters (in connection with EME module) • Transmission rates 9.6 / 19.2 / 93.75 / 187.5 / 500 kBaud; 1.5 / 3 / 6 / 12 MBaud • Power supply with rectangular plug (4 pin) • Bus connection D-Sub (9 pin) • RI connection M8 (4 pin)
Internal bus extension RIO-VA module 	<ul style="list-style-type: none"> • Max. 24 valves • Max. 32 repeaters (in connection with EME module) • Plug connection

Module	Description
PROFIBUS-DP 	<ul style="list-style-type: none"> • Degree of protection IP54 • Max. 24 valves • Max. 32 repeaters (in connection with EME module) • Transmission rates 9.6 / 19.2 / 93.75 / 187.5 / 500 kBaud; 1.5 / 3 / 6 / 12 MBaud • Power supply with rectangular plug (4 pin) • Bus connection M12 (5 pin)
CANopen 	<ul style="list-style-type: none"> • Degree of protection IP20 • Max. 24 valves • Max. 32 repeaters (in connection with EME module) • Transmission rates 20, 125, 250 oder 500 kBaud • Power supply with rectangular plug (4 pin) • Bus connection D-SUB (9 pin)
CANopen 	<ul style="list-style-type: none"> • Degree of protection IP54 • Max. 24 valves • Max. 32 repeaters (in connection with EME module) • Transmission rates 20, 125, 250 oder 500 kBaud • Power supply with M12 rectangular plug (4 pin) • Bus connection M12 (5 pin)
Profinet IO, Ethernet I/P, Modbus TCP 	<ul style="list-style-type: none"> • Degree of protection IP20 • Max. 24 valves • Max. 32 repeaters (in connection with EME module) • Transmission rates 10/100 Mbits/s with Auto Crossover • Power supply with rectangular plug (4 pin) • Bus connection RJ45 (2x) • RIO connection M8 (4 pin)

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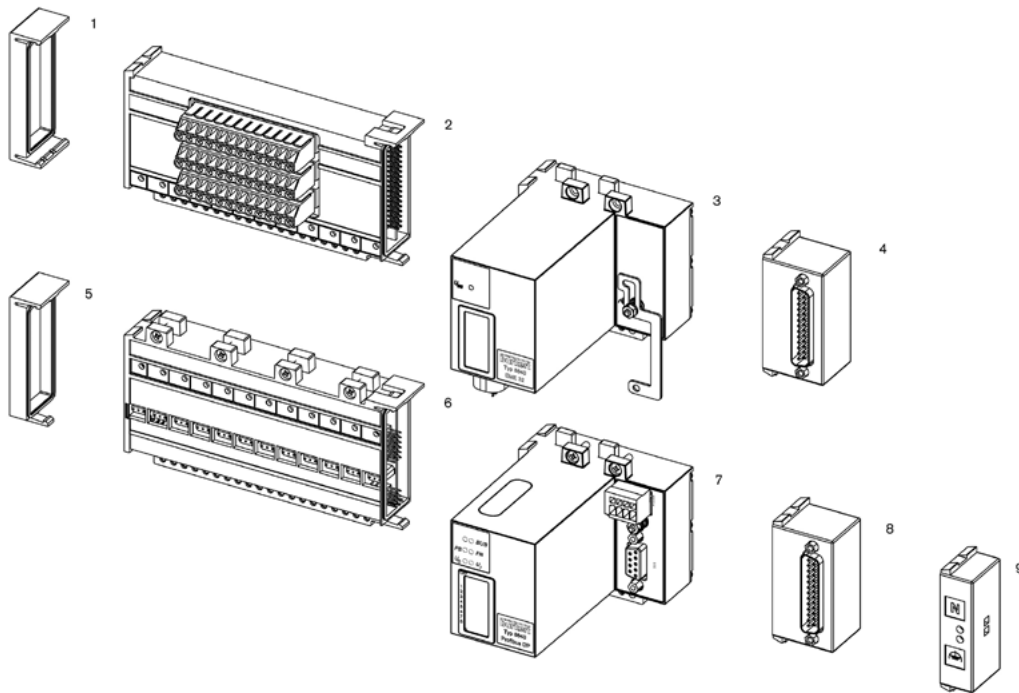
4. Product design and assembly

4.1. Product assembly

Electronics

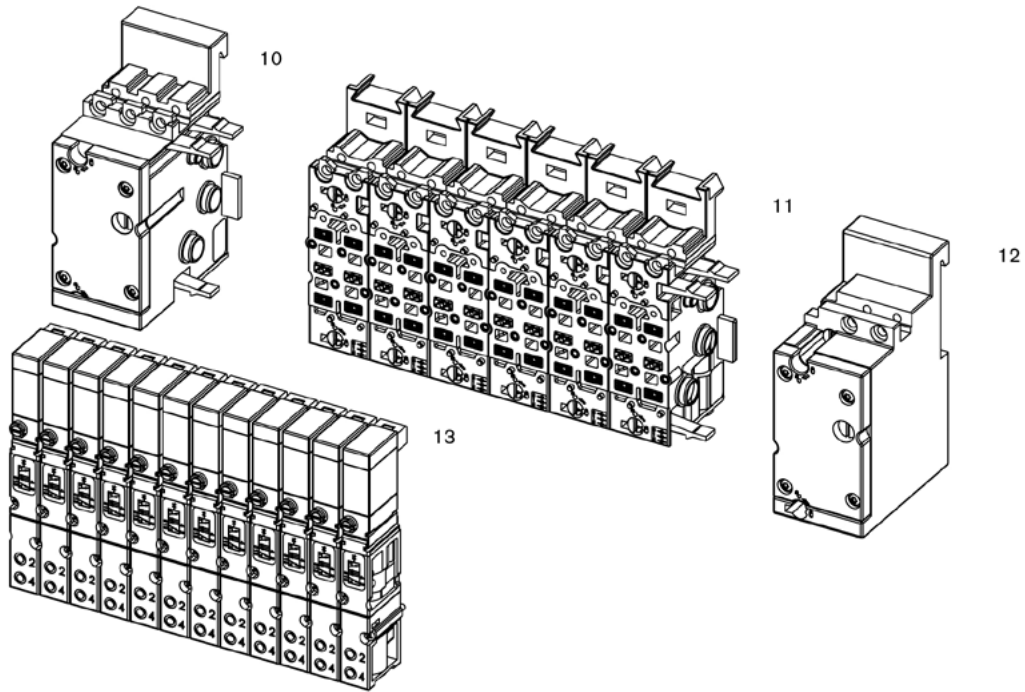
Note:

Selection of basic modules, for further modules “3.1. Collective line- and multipol-modules” on page 10 see and “3.2. Fieldbus modules” on page 10.



No.	Element
1	Electrical end module, left
2	Terminal module for feedback
3	Extension module for electrical inputs
4	Multipin repeater inputs (initiators)
5	Electrical end module, left
6	Basic electrical module standard
7	Fieldbus module
8	Multipin valve outputs
9	Common connection module

Pneumatics



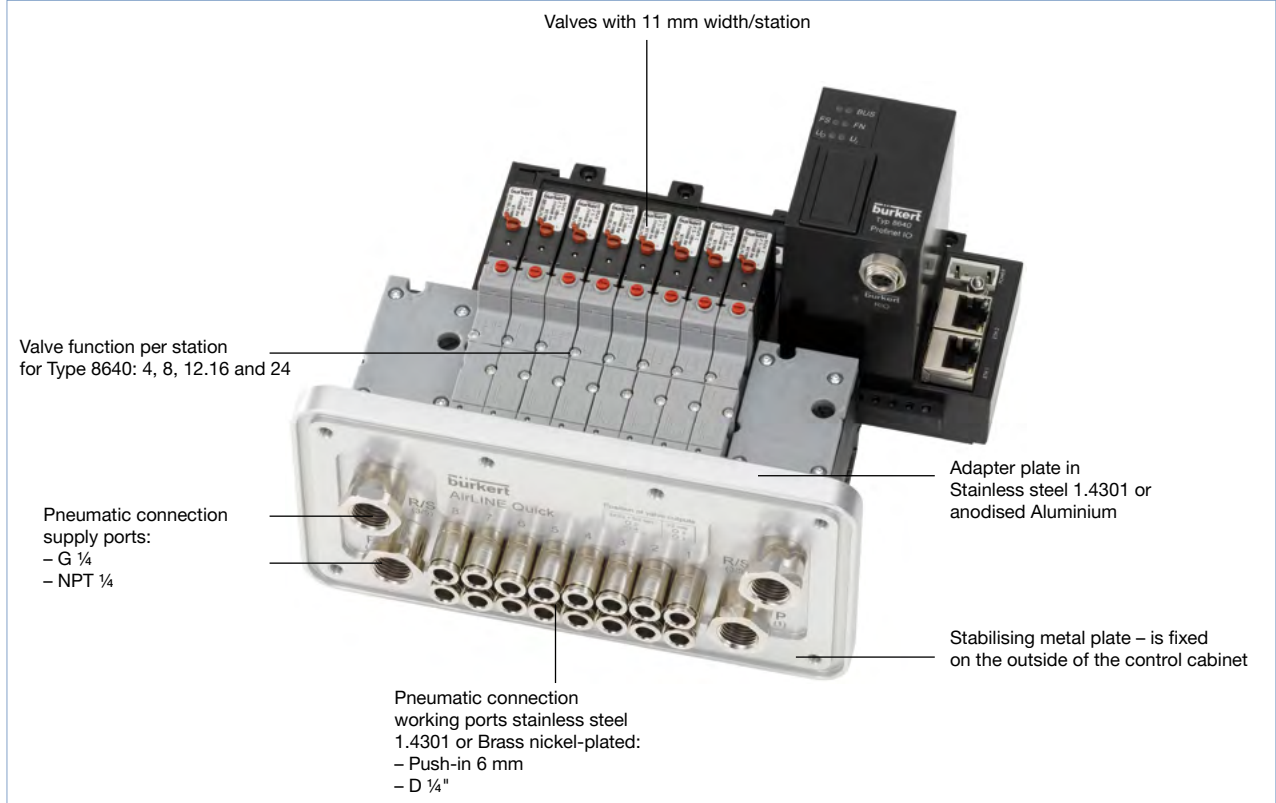
No.	Element
10	Pneumatic connection module, left
11	Basic pneumatic modules
12	Pneumatic connection module, right
13	Valves (for example 5/2 way)

AirLINE Quick-Adapter

With AirLINE Quick you can reduce the amount of the components in the control cabinet considerably. With the AirLINE Quick Adapter the valve island is directly adapted on the control cabinet floor or wall.

Note:

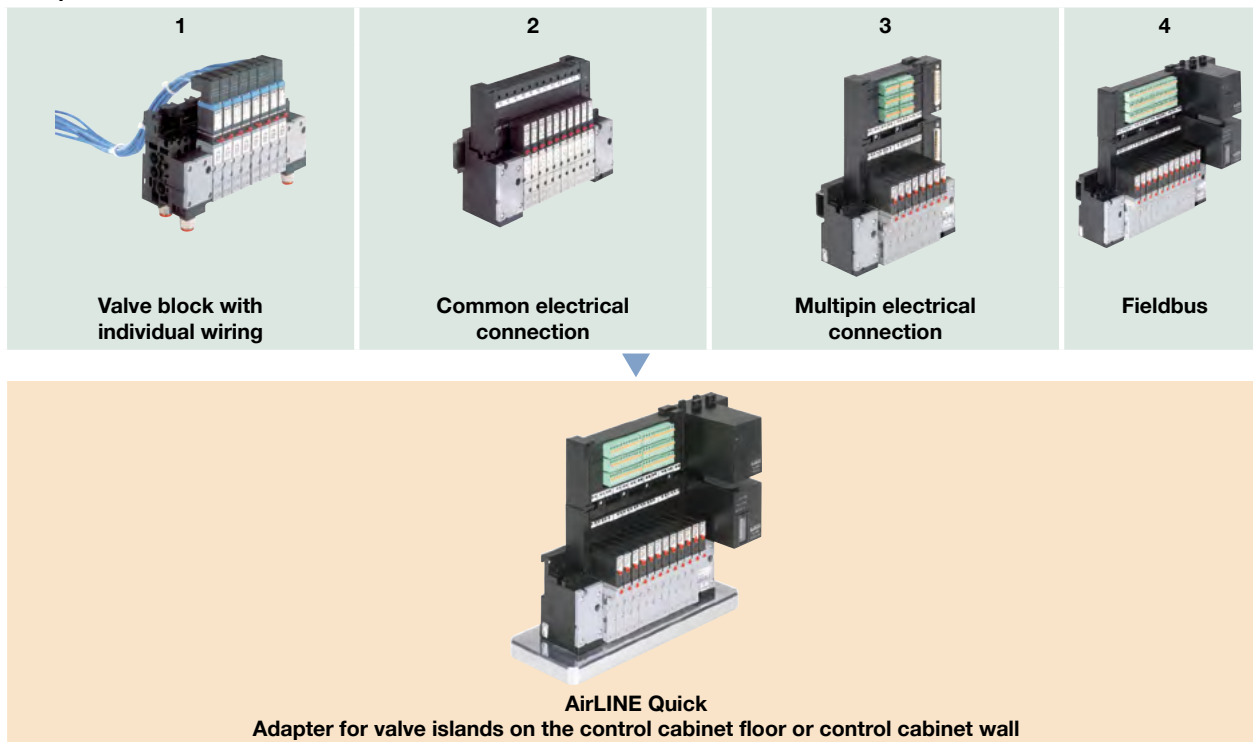
The valves of type 0460 cannot be installed with AirLINE Quick due to their size.



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Type 8640 Programme

Example:



5. Ordering information

5.1. Bürkert eShop – Easy ordering and quick delivery




Bürkert eShop – Easy ordering and fast delivery

You want to find your desired Bürkert product or spare part quickly and order directly? Our online shop is available for you 24/7. Sign up and enjoy all the benefits.

[Order online now](#)

5.2. Bürkert product filter



Bürkert product filter – Get quickly to the right product

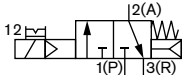



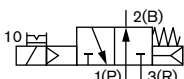

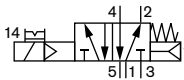


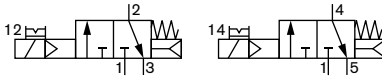


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5.3. Ordering chart spare valves Type 6524 and 6525

Note:

Detailed information about product version see "1.2. 11 mm width per station: solenoid valves Type 6524 and Type 6525" on page 4.

Circuit function	Orifice	Q _{Nn} -value ^{1.)} air	Pressure range	Switching times		Voltage/ Frequency	Article no.
	[mm]			[l/min]	Opening [ms]		
Type: C, solenoid valve 3/2 way Servo-controlled, with manual mode Normally closed 	4.0	300	Vak...7	15	20	24 V DC	186258 
			1...10 ^{2.)}	15	20	24 V DC	186257 
			2.5...10	15	28	24 V DC	184043 
Type: D, solenoid valve 3/2 way Servo-controlled, with manual mode Normally open 	4.0	300	2.5...10	15	28	24 V DC	184400 
Type: H, solenoid valve 5/2 way Servo-controlled, pilot air and manual mode Pressure applied via port (1), therefore one of the two ports (2) or (4) is under pressure. 	4.0	300	1...10 ^{2.)}	15	20	24 V DC	186271 
			2.5...10	20	28	24 V DC	179938 
Type: C, solenoid valve 2 x 3/2 way Servo-controlled, with manual mode Normally closed 	4.0	300	1...10 ^{2.)}	12	20	24 V DC	186259 
			2.5...10	12	20	24 V DC	186260 

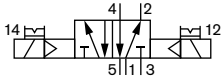

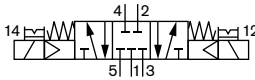

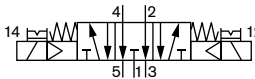

1.) With integrated HotSwap and/or non-return function, the flow rate is reduced.

2.) Version with auxiliary control air

5.4. Ordering chart spare valves Type 0460

Note:

Detailed information about product version see "1.3. 11 mm width per station: solenoid valve Type 0460" on page 5.

Circuit function	Orifice [mm]	Q _{Nn} -value ^{1.)} air [l/min]	Pressure range ^{2.)} [bar]	Switching times		Voltage/Fre- quency [V/Hz]	Article no.
				Opening [ms]	Closing [ms]		
Type: Z, solenoid valve 5/2 way Impulse version with 2 coils and manual mode Normally open Pressure applied via port (1), therefore one of the two ports (2) or (4) is under pressure. 	2.5	200	2.0...7.0	1	15	20	154183 
Type: L, solenoid valve 5/3 way With manual mode In middle position all ports locked 	2.5	200	2.0...7.0	1	15	20	154184 
Type: N, solenoid valve 5/3 way With manual mode In middle position ports 2 and 4 exhausted There is always one of the two outlet ports (2) or (4) pressurized when coil is activated. 	2.5	200	2.0...7.0	1	15	20	154185 

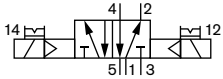

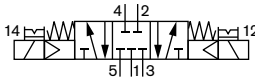

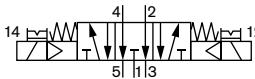

1.) Flow rate (Q_{Nn} value air): Measurement at +20 °C, 6 bar pressure at valve inlet, 1 bar pressure difference

2.) Pressure data: Overpressure to atmospheric pressure

5.5. Ordering chart spare valves Type 0461

Note:

Detailed information about product version see "1.4. 16.5 mm width per station: solenoid valve Type 0461" on page 6.

Circuit function	Orifice [mm]	Q _{Nn} -value ^{1.)} air [l/min]	Pressure range ^{2.)} [bar]	Switching times		Voltage/Fre- quency [V/Hz]	Article no.
				Opening [ms]	Closing [ms]		
Type: Z, solenoid valve 5/2 way Impulse version with 2 coils and manual mode Normally open Pressure applied via port (1), therefore one of the two ports (2) or (4) is under pressure. 	6	500	2.0...7.0	1	20	30	156766 
Type: L, solenoid valve 5/3 way With manual mode In middle position all ports locked 	6	500	2.0...7.0	1	15	50	156767 
Type: N, solenoid valve 5/3 way With manual mode In middle position ports 2 and 4 exhausted There is always one of the two outlet ports (2) or (4) pressurized when coil is activated. 	6	500	2.0...7.0	1	15	50	156768 

1.) Flow rate (Q_{Nn} value air): Measurement at +20 °C, 6 bar pressure at valve inlet, 1 bar pressure difference

2.) Pressure data: Overpressure to atmospheric pressure

5.6. Ordering chart spare valves Type 6526 und Typ 6527

Note:

Detailed information about product version see "1.5. 16.5 mm width per station: solenoid valve Types 6526 and 6527" on page 7.

Circuit function	Orifice	Q _{Nn} -value ^{1.)} air	Pressure range ^{2.)}	Switching times		Voltage/ Frequency	Article no.	Article no.
				Opening	Closing			
	[mm]	[l/min]	[bar]	[ms]	[ms]	[V/Hz]		
Type: C, solenoid valve 3/2 way Servo-controlled, with manual mode Normally closed 	6	700	1.0...10 ^{1.)}	2	20	12	24 V DC	156842
			1.0...10 ^{1.)}	2	20	12	24 V DC	163028
			2.0...10	2	20	12	24 V DC	156318
			2.0...10	2	20	12	24 V DC	158944
			2.0...8.0	1	20	17	24 V DC	156840
			2.0...8.0	1	20	12	24 V DC	158947
Type: D, solenoid valve 3/2 way Servo-controlled, with manual mode Normally open 	6	700	1.0...10 ^{1.)}	2	20	12	24 V DC	163029
			2.0...10	2	12	20	24 V DC	156320
			2.0...10	2	20	12	24 V DC	158946
			2.0...8.0	1	17	20	24 V DC	156841
Type: H, solenoid valve 5/2 way Servo-controlled, pilot air and manual mode Pressure applied via port (1), therefore one of the two ports (2) or (4) is under pressure. 	6	700	1.0...10 ^{1.)}	2	20	12	24 V DC	156828
			1.0...10 ^{1.)}	2	20	12	24 V DC	163030
			2.0...10	2	20	12	24 V DC	156337
			2.0...10	2	20	12	24 V DC	158942
			2.0...8.0	1	20	17	24 V DC	156827
			2.0...8.0	1	20	12	24 V DC	158943

1.) Flow rate (Q_{Nn} value air): Measurement at +20 °C, 6 bar pressure at valve inlet, 1 bar pressure difference

2.) Pressure data: Overpressure to atmospheric pressure

DTS 1000049870 EN Version: P Status: RL (released | freigegeben | valide) printed: 07.05.2021

5.7. Ordering chart spare valves Type 5470

Note:

Detailed information about product version see "1.6. 18 mm width per station: solenoid valve Type 5470" on page 8.

Circuit function	Orifice	Q _{Nn} -value ^{1.)} air	Service ports 4 and 2	Pressure range ^{2.)}	Nominal power	Voltage/Fre-	Article no. (Valve is-land)	Article no. (Valve block)
	[mm]			[bar]	[W]	quency [V/Hz]		
Type: C, solenoid valve 3/2 way Servo-controlled, with manual mode Normally closed 	4	300	Push-in Ø 6 mm, below	2...8	1	24 V DC	132479	135203
				2...10	2	24 V DC	133148	135204
				2...10	3	110...120 DC	-	132952
				2...10	3	220...240 DC	-	132953
Type: D, solenoid valve 3/2 way Servo-controlled, with manual mode Normally open 	4	300	Push-in Ø 6 mm, below	2...8	1	24 V DC	132481	136742
				2...10	2	24 V DC	136741	136743
				2...10	3	110...120 DC	-	136744
				2...10	3	220...240 DC	-	136745
Type: G, solenoid valve 4/2 way Servo-controlled 	4	300	Push-in Ø 6 mm, front	2...8	1	24 V DC	132487	135205
				2...10	2	24 V DC	133149	135206
				2...10	3	110...120 DC	-	132954
				2...10	3	220...240 DC	-	132955
	4	300	Push-in Ø 6 mm, below	2...8	1	24 V DC	132489	135207
				2...10	2	24 V DC	133150	135208
				2...10	3	110...120 DC	-	132956
				2...10	3	220...240 DC	-	132957
	4	300	Push-in Ø 6 mm, front with throttle-check valve	2...8	1	24 V DC	132488	135209
				2...10	2	24 V DC	133151	135210
				2...10	3	110...120 DC	-	133152
	4	300	Threaded port G 1/8, front	2...8	1	24 V DC	132483	135211
				2...10	2	24 V DC	133157	135212
				2...10	3	110...120 DC	-	132958
	4	300	Threaded port G 1/8, front, with throttle-check valve	2...8	1	24 V DC	132484	135213
				2...10	2	24 V DC	133159	135214
				2...10	3	110...120 DC	-	133160
	4	300	Tube connection SL6/4 mm, front	2...8	1	24 V DC	133162	135215
				2...10	2	24 V DC	133163	135216
				2...10	3	110...120 DC	-	133164
4	300	Tube connection SL6/4 mm, front	2...10	3	220...240 DC	-	133166	

1.) Flow rate (Q_{Nn} value air): Measurement at +20 °C, 6 bar pressure at valve inlet, 1 bar pressure difference

2.) Pressure data: Overpressure to atmospheric pressure

5.8. Ordering chart accessories

Covering plates

Note:

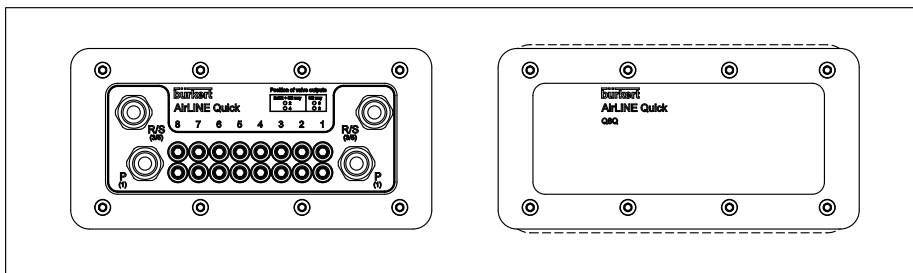
When all the valve connections in a basic valve unit module are not used, then these connections should be covered by the appropriate covering plate for full efficiency.

Covering plates	Article no.
Covering plate for solenoid valve Type 6524/6525	650373
Covering plate for solenoid valve Type 6524 2 x 3/2 way valve	661092
Covering plate for solenoid valve Type 6526/6527	653765

Blanking plates

Note:

A blanking plate is used to cover an existing flange for AirLINE Quick on the cabinet wall or on the cabinet floor.



Material	Amount of valve slots	Article no.
Aluminium anodized	4	246937
	8	246933
	12	246929
	16	246925
Stainless steel 1.4301	4	246938
	8	246934
	12	246930
	16	246926

Bus Y-piece

Note:

You must use one pre-assembled plug and one plug for free assembly.

	Cover plates	Article no.
	Bus Y-piece for PROFIBUS	902098
	Bus Y-piece for CANopen and DeviceNet	788643

RIO cable for bus extension

Cable	Article no.
Cable 1 m	917498
Cable 2 m	917999

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