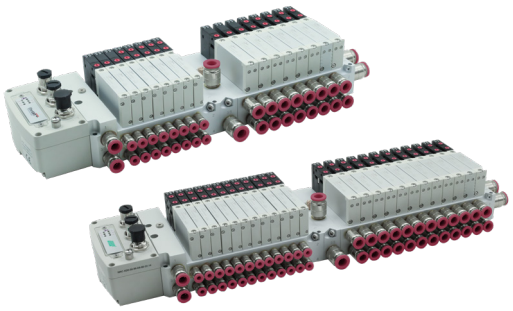
VSR IP65 Series, 10/15 mm 2 x 3/2, 5/2 or 5/3 Valve Islands

- Industrial Ethernet
- 2 x 3/2, 5/2 or 5/3 valve slices
- Expandable Sub-Base Design offering a wide range of configuration options
- LED indicator of solenoid function
- No restriction in installation
- 4, 8, 12, 16, 20, 24 stations
- Up to 48 Solenoids
- Expandable Sub-Base design allows for both valve sizes to be mixed on a single valve Island
- Maintenance and upgrade made simple with easy-to-replace valve



Technical features

Medium:
Compressed air, filtered to 40 µm, lubricated or non-lubricated

Operation:
Dynamic softseal spool valve, solenoid pilot operated

Flow:

Size	Function	Flow l/Min	Cv	Kv
10 mm	2 x 3/2	330	0.38	0.32
	5/2	335	0.38	0.32
	5/3	330	0.38	0.32
15 mm	2 x 3/2	500	0.57	0.49
	5/2	530	0.61	0.52
	5/3	530	0.60	0.51

Mounting:
Sub-base

Ports 1, 3 & 5 (P, E):
VSR1:
PIF 8 mm or PIF 5/16"
(G1/4 or NPT 1/4")
VSR2:
PIF 10 mm or PIF 3/8"
(G1/4 or NPT 1/4")

Ports 2 & 4 (A, B):
VSR1:
PIF 4 mm, 6 mm or 5/32", 1/4"
(R 1/8 or NPT 1/8")
VSR2:
PIF 6 mm, 8 mm or 1/4", 5/16"
(R 1/8 or NPT 1/8")

Operating pressure:
Maximum pressure 8 bar; 116 psi

Media/Ambient temperature:
-5 ... +50°C (+23 ... 122°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

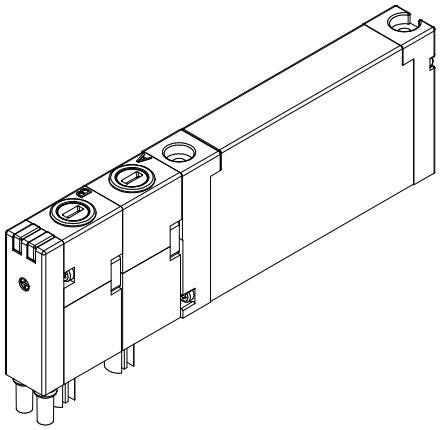
Materials:
Body: Aluminium + PBT
Spool: Aluminium
Seal: NBR
Sub-base: Aluminium

Electrical details for solenoid operators

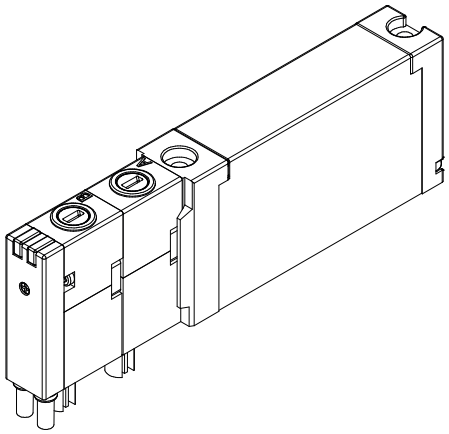
Supply voltage	24V d.c.
Voltage Tolerance	+/- 10%
Power consumption	24V d.c 0.45W (energy saving type)
Manual override	Push & turn
Rating	100% E.D
Indication	LED red/green
Surge suppression	surge protecting circuit is equipped
Protection class	IP65

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Technical data valve

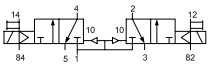
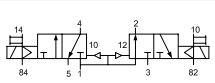
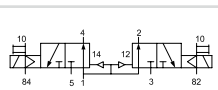


VSR1
10 mm



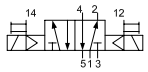
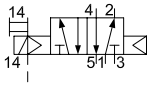
VSR2
15 mm

2x 3/2 Double solenoid actuated valves

Symbol	Series	Function	Actuation	Pilot Supply	Pilot Pressure (bar / psi)	Operating Pressure (bar / psi)	Manual Override	Voltage	Model
	VSR1	2 x 3/2	NC/NC	Internal	2 ... 8 / 29 ... 116	2.5 ... 8 / 36 ... 116	Push & turn	24 V d.c	VSR1SA11BV203A
	VSR2	2 x 3/2	NC/NC	Internal	2 ... 8 / 29 ... 116	2.5 ... 8 / 36 ... 116	Push & turn	24 V d.c	VSR2SA11BV203A
	VSR1	2 x 3/2	NC/NO	Internal	2 ... 8 / 29 ... 116	2.5 ... 8 / 36 ... 116	Push & turn	24 V d.c	VSR1SC11BV203A
	VSR2	2 x 3/2	NC/NO	Internal	2 ... 8 / 29 ... 116	2.5 ... 8 / 36 ... 116	Push & turn	24 V d.c	VSR2SC11BV203A
	VSR1	2 x 3/2	NO/NO	Internal	2 ... 8 / 29 ... 116	2.5 ... 8 / 36 ... 116	Push & turn	24 V d.c	VSR1SB11BV203A
	VSR2	2 x 3/2	NO/NO	Internal	2 ... 8 / 29 ... 116	2.5 ... 8 / 36 ... 116	Push & turn	24 V d.c	VSR2SB11BV203A

NC= Normally Closed, NO= Normally Open

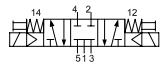
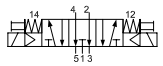
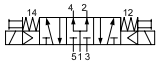
5/2 Single and double solenoid actuated valves

Symbol	Series	Function	Actuation	Pilot Supply	Pilot Pressure (bar / psi)	Operating Pressure (bar / psi)	Manual Override	Voltage	Model
	VSR1	5/2	Sol./Sol.	Internal	2 ... 8 / 29 ... 116	2 ... 8 / 29 ... 116	Push & turn	24 V d.c	VSR1S511BV203A
				External	2 ... 8 / 29 ... 116	0 ... 8 / 0 ... 116			
	VSR2	5/2	Sol./Sol.	Internal	2 ... 8 / 29 ... 116	2 ... 8 / 29 ... 116	Push & turn	24 V d.c	VSR2S511BV203A
				External	2 ... 8 / 29 ... 116	0 ... 8 / 0 ... 116			
	VSR1	5/2	Sol./Air Spring	Internal	2 ... 8 / 29 ... 116	2 ... 8 / 29 ... 116	Push & turn	24 V d.c	VSR1S513BV203A
				External	2 ... 8 / 29 ... 116	0 ... 8 / 0 ... 116			
	VSR2	5/2	Sol./Air Spring	Internal	2 ... 8 / 29 ... 116	2 ... 8 / 29 ... 116	Push & turn	24 V d.c	VSR2S513BV203A
				External	2 ... 8 / 29 ... 116	0 ... 8 / 0 ... 116			

Please note the same valve part number that can function as an internally operated or externally operated valve , its pilot source is determined by the manifold configuration.

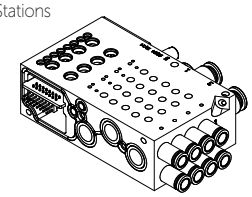
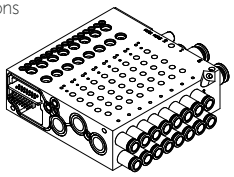
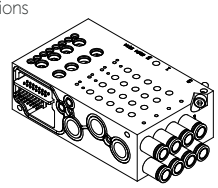
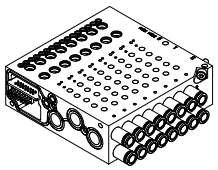
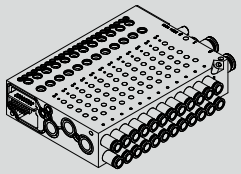
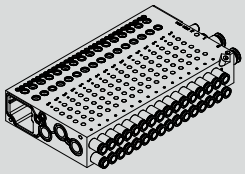
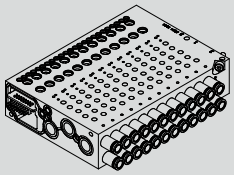
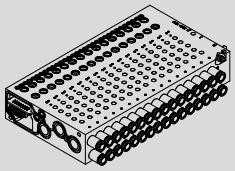
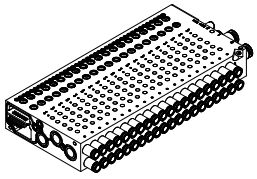
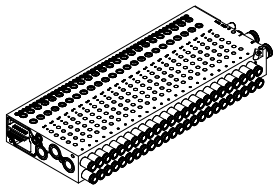
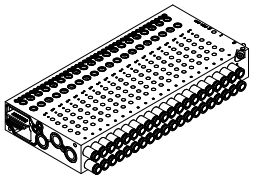
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5/3 Double solenoid actuated valves

Symbol	Series	Function	Actuation	Pilot Supply	Pilot Pressure (bar / psi)	Operating Pressure (bar / psi)	Manual Override	Voltage	Model
	VSR1	5/3	APB	Internal	3 ... 8 / 46 ... 116	3 ... 8 / 46 ... 116	Push & turn	24 V d.c	VSR1S611BV203A
				External	3 ... 8 / 46 ... 116	0 ... 8 / 0 ... 116			
	VSR2	5/3	APB	Internal	3 ... 8 / 46 ... 116	3 ... 8 / 46 ... 116	Push & turn	24 V d.c	VSR2S611BV203A
				External	3 ... 8 / 46 ... 116	0 ... 8 / 0 ... 116			
	VSR1	5/3	COE	Internal	3 ... 8 / 46 ... 116	3 ... 8 / 46 ... 116	Push & turn	24 V d.c	VSR1S711BV203A
				External	3 ... 8 / 46 ... 116	0 ... 8 / 0 ... 116			
	VSR2	5/3	COE	Internal	3 ... 8 / 46 ... 116	3 ... 8 / 46 ... 116	Push & turn	24 V d.c	VSR2S711BV203A
				External	3 ... 8 / 46 ... 116	0 ... 8 / 0 ... 116			
	VSR1	5/3	COP	Internal	3 ... 8 / 46 ... 116	3 ... 8 / 46 ... 116	Push & turn	24 V d.c	VSR1S811BV203A
				External	3 ... 8 / 46 ... 116	0 ... 8 / 0 ... 116			
	VSR2	5/3	COP	Internal	3 ... 8 / 46 ... 116	3 ... 8 / 46 ... 116	Push & turn	24 V d.c	VSR2S811BV203A
				External	3 ... 8 / 46 ... 116	0 ... 8 / 0 ... 116			

APB= All Ports Blocked, COE= Centre Open Exhaust, COP= Centre Open Pressure
Please note the same valve part number that can function as an internally operated or externally operated valve , its pilot source is determined by the manifold configuration.

Expandable Sub-Base Design *1)

Fixed Length Sub-Bases		Extension Sub-Bases	
4 Stations	8 Stations	4 Stations	8 Stations
			
12 Stations	16 Stations	12 Stations	16 Stations
			
20 Stations	24 Stations	20 Stations	
			–

*1) VSR offers an Expandable Sub-Base system, its design allows for a Fixed Length Sub-Base to be used in conjunction with Extension Sub-Base as listed above. Extension Sub-Bases cannot be used alone. Please note the maximum number of slices per Valve Island is 24 (max. 48 coils) and can be reached by choosing a single 24 station Fixed Length Sub-Base or by combining a Fixed Length Sub-Base and an Extension Sub-Base, using an ISEM, up to a maximum of 24 stations. Please, see the table below.

Combination options

Number of stations Fixed Length Sub-Bases	Number of stations Extension Sub-Bases
4	4, 8, 12, 16 &20
8	4, 8, 12 & 16
12	4, 8 & 12
16	4 & 8
20	4
24	-

Valve island comprising of Fixed Length Sub-Base alone or when combined with an Extension Sub-Bases can only be either internal pilot or external pilot supply, there cannot be both pilot supply types on the same Valve Island assembly as a standard configuration option.

Expandable Sub-Base design allows for both valve sizes to be mixed on a single valve Island

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Expandable Sub-Base Assembly

Series	No. Stations	Fixed Length Sub-Base			Extension Sub-Base		
		Supply/Exhaust Ports (1/3&5)	Outlet Port Size (2&4)	Model	Supply/Exhaust Ports (1/3&5)	Outlet Port Size (2&4)	Model
VSR1	4	8 mm	4 mm	VSR160475BR0422	-	4 mm	VSR160475BL0422
VSR1	4	8 mm	6 mm	VSR160475BR0423	-	6 mm	VSR160475BL0423
VSR1	4	5/16"	5/32"	VSR160475BR0421	-	5/32"	VSR160475BL0421
VSR1	4	5/16"	1/4"	VSR160475BR0425	-	1/4"	VSR160475BL0425
VSR1	8	8 mm	4 mm	VSR160475BR0822	-	4 mm	VSR160475BL0822
VSR1	8	8 mm	6 mm	VSR160475BR0823	-	6 mm	VSR160475BL0823
VSR1	8	5/16"	5/32"	VSR160475BR0821	-	5/32"	VSR160475BL0821
VSR1	8	5/16"	1/4"	VSR160475BR0825	-	1/4"	VSR160475BL0825
VSR1	12	8 mm	4 mm	VSR160475BR1222	-	4 mm	VSR160475BL1222
VSR1	12	8 mm	6 mm	VSR160475BR1223	-	6 mm	VSR160475BL1223
VSR1	12	5/16"	5/32"	VSR160475BR1221	-	5/32"	VSR160475BL1221
VSR1	12	5/16"	1/4"	VSR160475BR1225	-	1/4"	VSR160475BL1225
VSR1	16	8 mm	4 mm	VSR160475BR1622	-	4 mm	VSR160475BL1622
VSR1	16	8 mm	6 mm	VSR160475BR1623	-	6 mm	VSR160475BL1623
VSR1	16	5/16"	5/32"	VSR160475BR1621	-	5/32"	VSR160475BL1621
VSR1	16	5/16"	1/4"	VSR160475BR1625	-	1/4"	VSR160475BL1625
VSR1	20	8 mm	4 mm	VSR160475BR2022	-	4 mm	VSR160475BL2022
VSR1	20	8 mm	6 mm	VSR160475BR2023	-	6 mm	VSR160475BL2023
VSR1	20	5/16"	5/32"	VSR160475BR2021	-	5/32"	VSR160475BL2021
VSR1	20	5/16"	1/4"	VSR160475BR2025	-	1/4"	VSR160475BL2025
VSR1	24	8 mm	4 mm	VSR160475BR2422	-	-	-
VSR1	24	8 mm	6 mm	VSR160475BR2423	-	-	-
VSR1	24	5/16"	5/32"	VSR160475BR2421	-	-	-
VSR1	24	5/16"	1/4"	VSR160475BR2425	-	-	-
VSR2	4	10 mm	6 mm	VSR260475BR0423	-	6 mm	VSR260475BL0423
VSR2	4	10 mm	8 mm	VSR260475BR0424	-	8 mm	VSR260475BL0424
VSR2	4	3/8"	1/4"	VSR260475BR0425	-	1/4"	VSR260475BL0425
VSR2	4	3/8"	5/16"	VSR260475BR0426	-	5/16"	VSR260475BL0426
VSR2	8	10 mm	6 mm	VSR260475BR0823	-	6 mm	VSR260475BL0823
VSR2	8	10 mm	8 mm	VSR260475BR0824	-	8 mm	VSR260475BL0824
VSR2	8	3/8"	1/4"	VSR260475BR0825	-	1/4"	VSR260475BL0825
VSR2	8	3/8"	5/16"	VSR260475BR0826	-	5/16"	VSR260475BL0826
VSR2	12	10 mm	6 mm	VSR260475BR1223	-	6 mm	VSR260475BL1223
VSR2	12	10 mm	8 mm	VSR260475BR1224	-	8 mm	VSR260475BL1224
VSR2	12	3/8"	1/4"	VSR260475BR1225	-	1/4"	VSR260475BL1225
VSR2	12	3/8"	5/16"	VSR260475BR1226	-	5/16"	VSR260475BL1226
VSR2	16	10 mm	6 mm	VSR260475BR1623	-	6 mm	VSR260475BL1623
VSR2	16	10 mm	8 mm	VSR260475BR1624	-	8 mm	VSR260475BL1624
VSR2	16	3/8"	1/4"	VSR260475BR1625	-	1/4"	VSR260475BL1625
VSR2	16	3/8"	5/16"	VSR260475BR1626	-	5/16"	VSR260475BL1626
VSR2	20	10 mm	6 mm	VSR260475BR2023	-	6 mm	VSR260475BL2023
VSR2	20	10 mm	8 mm	VSR260475BR2024	-	8 mm	VSR260475BL2024
VSR2	20	3/8"	1/4"	VSR260475BR2025	-	1/4"	VSR260475BL2025
VSR2	20	3/8"	5/16"	VSR260475BR2026	-	5/16"	VSR260475BL2026
VSR2	24	10 mm	6 mm	VSR260475BR2423	-	-	-
VSR2	24	10 mm	8 mm	VSR260475BR2424	-	-	-
VSR2	24	3/8"	1/4"	VSR260475BR2425	-	-	-
VSR2	24	3/8"	5/16"	VSR260475BR2426	-	-	-

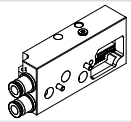
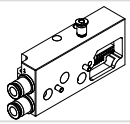
Note:
All Sub-Bases (Fixed or Extension types) are supplied with Push In Fittings as listed. We can facilitate configurations where the fittings are not supplied i.e where the sub-bases are supplied with threaded inlet, Exhaust and Outlet ports-Please contact Technical Sales.

Fixed length Sub-Bases are supplied fitted with M5 sintered bronze silencer on port 82/84 (the collected exhaust of pilot valves)

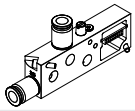
The part numbers listed above for Fixed Length Sub-Bases will be supplied for internal pilot supply configurations, with an M5 Plug fitted at ports 12/14. These can be adapted for External pilot supply applications by replacing the M5 plug with the 4 mm Push In Fittings listed on page 7

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Interface Plates *1)

Internal Pilot	External Pilot	Series	Cover Location	Port Size (1/3&5)	Model (Internal Pilot)	Model (External Pilot)
		VSR1	Left (interface)	8 mm	VSRX60475BM0118	VSRX60475BM0128
		VSR2	Left (interface)	10 mm	VSRX60475BM0110	VSRX60475BM0120
		VSR1	Left (interface)	5/16"	VSRX60475BM0115	VSRX60475BM0125
		VSR2	Left (interface)	3/8"	VSRX60475BM0113	VSRX60475BM0123

ISEM (Intermediate Supply & Exhaust Module) *2)

	Series	Port Size (1/3&5)	Model
	VSR1	8 mm	VSRX60475BM0218
	VSR2	10 mm	VSRX60475BM0210
	VSR1	5/16"	VSRX60475BM0215
	VSR2	3/8"	VSRX60475BM0213

*1) An interface plate is used to connect the Control Module to the Extension or Fixed Length Sub-Base & has integrated compressed air supply and exhaust fittings
*2) An ISEM must be used to connect an Extension Sub-Base to a Fixed Length Sub-Base and contains integrated fittings that can supply additional compressed air supply and exhaust service to the Valve Island assembly.
Please note the Valve Island design only allows for one ISEM as an addition per configuration

Option selector - Valve slices

VS★★S★★★BV203A

Series	Substitute
10 mm	R1
15 mm	R2
Spool Type	**Substitute**
Softseal Dynamic	S
Function	**Substitute**
5/2	5
5/3 APB	6
5/3 COE	7
5/3 COP	8
2 x 3/2 NC/NC*	A
2 x 3/2 NO/NO*	B
2 x 3/2 NC/NO*	C
Operator 14	**Substitute**
Solenoid Pilot	1

Connection	Substitute
Plug-in	A
Voltage	**Substitute**
24 V d.c.	3
Override	**Substitute**
Push & turn	2
Type	**Substitute**
Valve	V
Type	**Substitute**
IP65	B
Operator 12	**Substitute**
Solenoid Pilot	1
Air Spring Return	3

* Internal Pilot Only

Option selector - Blanking Plate

VS★★60475BM0300

Series	Substitute
10 mm	R1
15 mm	R2
Type	**Substitute**
	60475

Option	Substitute
Blanking Plate	0300
Blanking Plate	**Substitute**
Manifold	M
Type	**Substitute**
Standard IP65	B

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Part numbering for complete valve islands

VS★★★★★★★00 - ★★★★★

Series	Substitute
10 mm	R1
15 mm	R2
10 & 15 mm	R3
Number of stations	**Substitute**
4 stations	04
8 stations	08
12 stations	12
16 stations	16
20 stations	20
24 stations	24
Electrical Connection	**Substitute**
PROFINET IRT	PN
EtherCAT	EC

To be defined by online Valve Island configurator based on valve slice selection

To configure and order a valve island visit - https: //www.norgren.com/en/resources/configurators/valve-island-configurators

Outlet Port sizes

Series	Metric	Imperial
VSR1	4 mm, 6 mm	5/32", 1/4"
VSR2	6 mm or 8 mm	1/4", 5/16"
VSR3*1)	4 mm, 6 mm or 8 mm	5/32", 1/4" or 5/16"

*1) As VSR3 is the designation for mixed valve sizes, there is a choice of outlet fitting available for each valve size on their respective Fixed Length Sub-Base or the Extension Sub-Base.
See the table on page 4 for details.

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Control Modules

PROFINET IRT



VSRX60475BM04PN
Weight: 0, 223 kg

EtherCAT



VSRX60475BM04EC
Weight: 0, 221 kg

Industrial Ethernet - Cable and Connectors for PROFINET and EtherCAT

Bus cable: 4-pin D-coded
M12 - M12



Model	Cable length (m)
NC-124MS-1244SGA	0.5
NC-124MS-1244SG2	2.0
NC-124MS-1244SG5	5.0

Bus cable: 4-pin D-coded
M12 - flying lead



Model	Cable length (m)
NC-124MS-00000G2	2.0
NC-124MS-00000G5	5.0

Bus cable: 4-pin D-coded
RJ45 – M12



Model	Cable length (m)
NC-RJ450-1244SG5	5.0

Bus connector RJ45
Wireable



NC-RJ450-0000000

Power cable: 5-pin A-coded
M12 - flying lead



Model	Cable length (m)
NC-125FS-00000-5	5.0

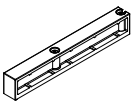
Accessories

Pressure Zone Plug *1)



Model
VSRP7516AM0400

Blanking Plate



Model	
10 mm	VSR160475BM0300
15 mm	VSR260475BM0300

Fitting M5-PIF for external pilot port 12/14



Model	
4 mm	VSRPOC4-M5
5/32"	VSRPOC5/32-M5C-C

M5 Plug for internal pilot port 12/14



Model
M5-H-SSSP

M5 Sintered Bronze Silencer for port 82/84

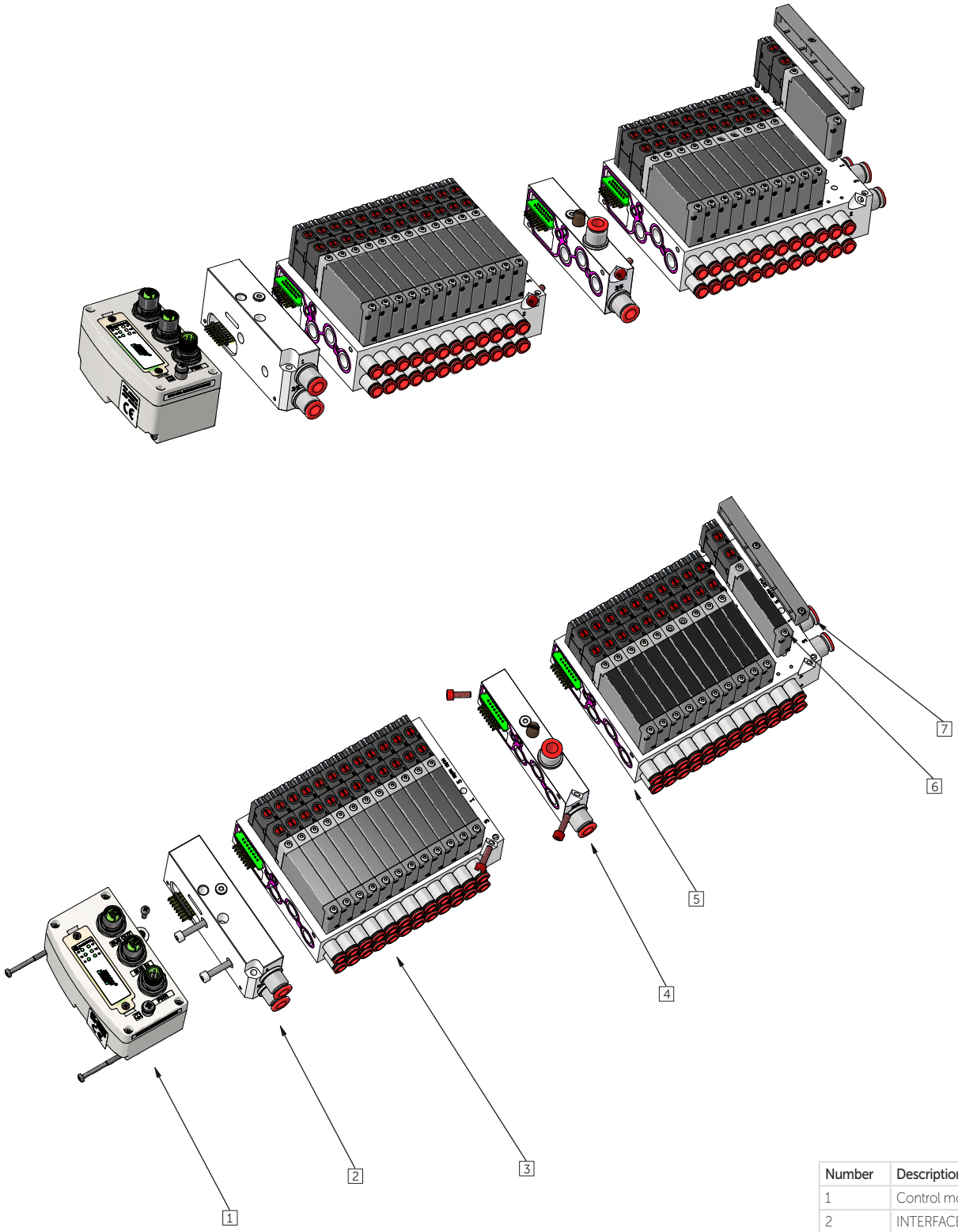


Model
SCT-M5

*1) Pressure zone plugs can be employed in several different ways .
For details please access our VSR I&M sheet https: //www.norgren.com/en/resources/installation-guides

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Exploded view (IP65)

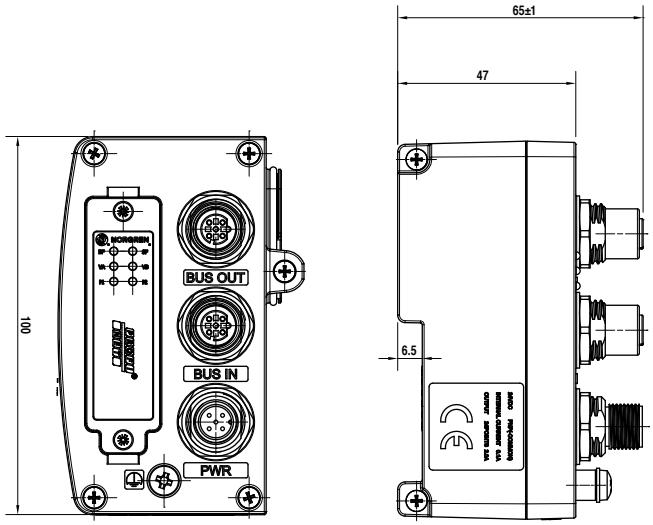


Number	Description
1	Control module
2	INTERFACE PLATES
3	Extension Sub-Base
4	ISEM PLATE
5	Fixed Length Sub-Base
6	VALVE SLICE
7	BLANKING PLATE

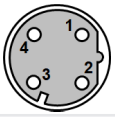
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Control Modules

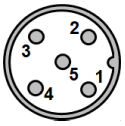
Industrial Ethernet protocol: PROFINET IRT
Connector: 2 x M12 4-pin / 1 x M12 5-pin



Bus connector: M12 4-pin D-coded

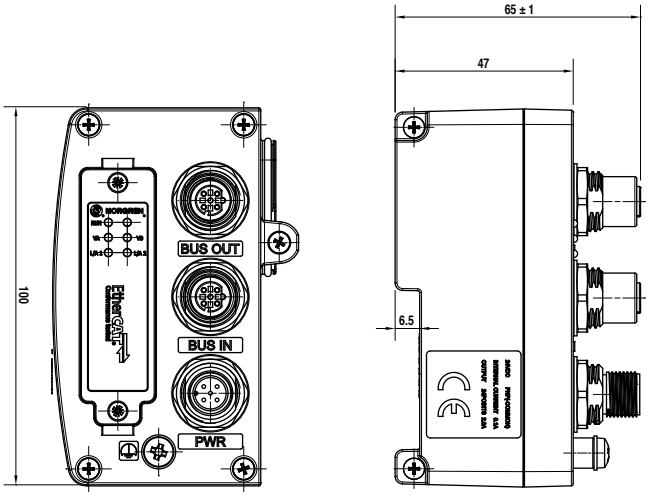
Female	Pin no.	Function
	1	Transmission data + (TD +)
	2	Receive data + (RD+)
	3	Transmission data - (TD-)
	4	Receive data - (RD-)

Power connector: M12 5-pin A-coded

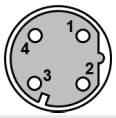
Male	Pin no.	Function	Tolerance	Max. current
	1	L1 (VB+) 24 V electronics power supply	+/- 10 %	max. 100 mA
	2	N2 (VA-) 0 V valves power supply	–	–
	3	N1 (VB-) 0 V electronics power supply	–	–
	4	L2 (VA+) 24 V valves power supply	+/- 10%	n x 40 mA
	5	FE (functional earth)		

(n = number of switched valves)

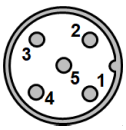
Industrial Ethernet protocol: EtherCAT
Connector: 2 x M12 4-pin / 1 x M12 5-pin



Bus connector: M12 4-pin D-coded

Female	Pin no.	Function
	1	Transmission data + (TD +)
	2	Receive data + (RD+)
	3	Transmission data - (TD-)
	4	Receive data - (RD-)

Power connector: M12 5-pin A-coded

Male	Pin no.	Function	Tolerance	Max. current
	1	L1 (VB+) 24 V electronics power supply	+/- 10 %	max. 100 mA
	2	N2 (VA-) 0 V valves power supply	–	–
	3	N1 (VB-) 0 V electronics power supply	–	–
	4	L2 (VA+) 24 V valves power supply	+/- 10%	n x 40 mA
	5	FE (functional earth)		

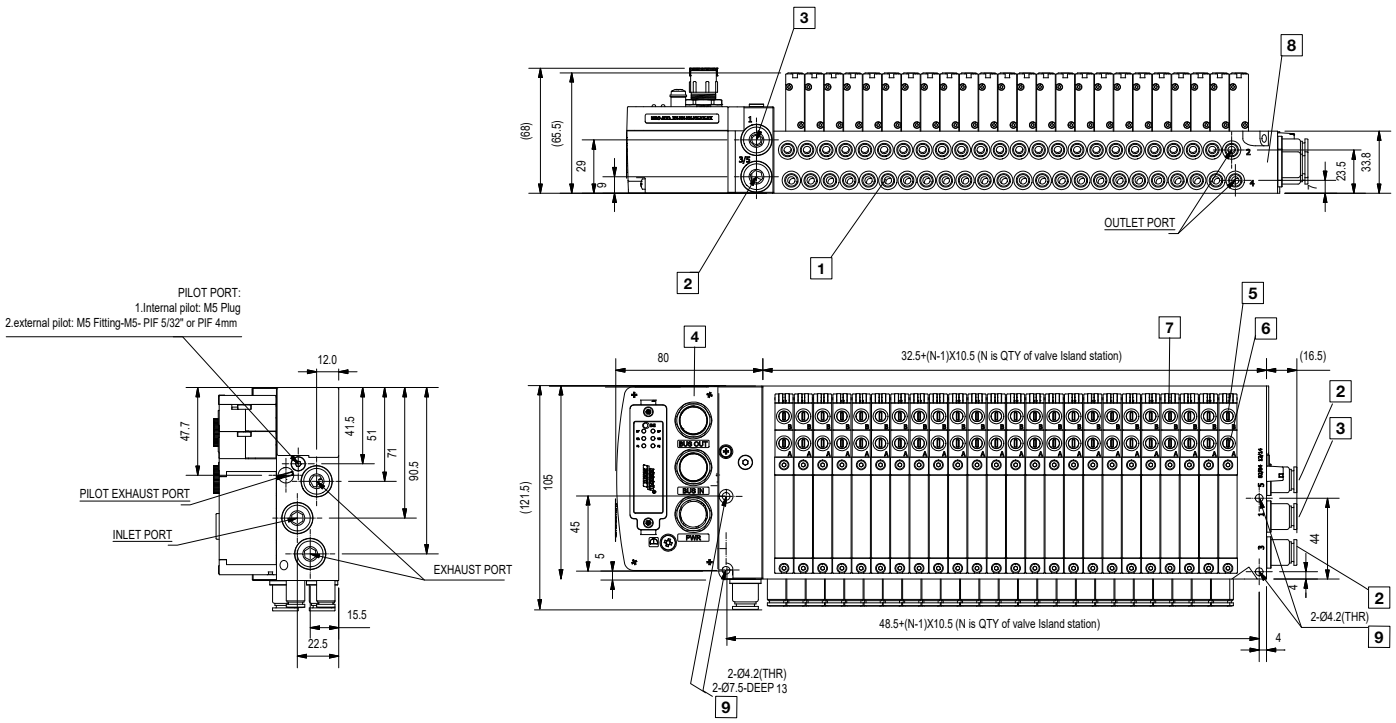
(n = number of switched valves)

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VSR1 10 mm Series

N stations for Fixed Length Sub-Base

Dimensions in mm
Projection/First angle



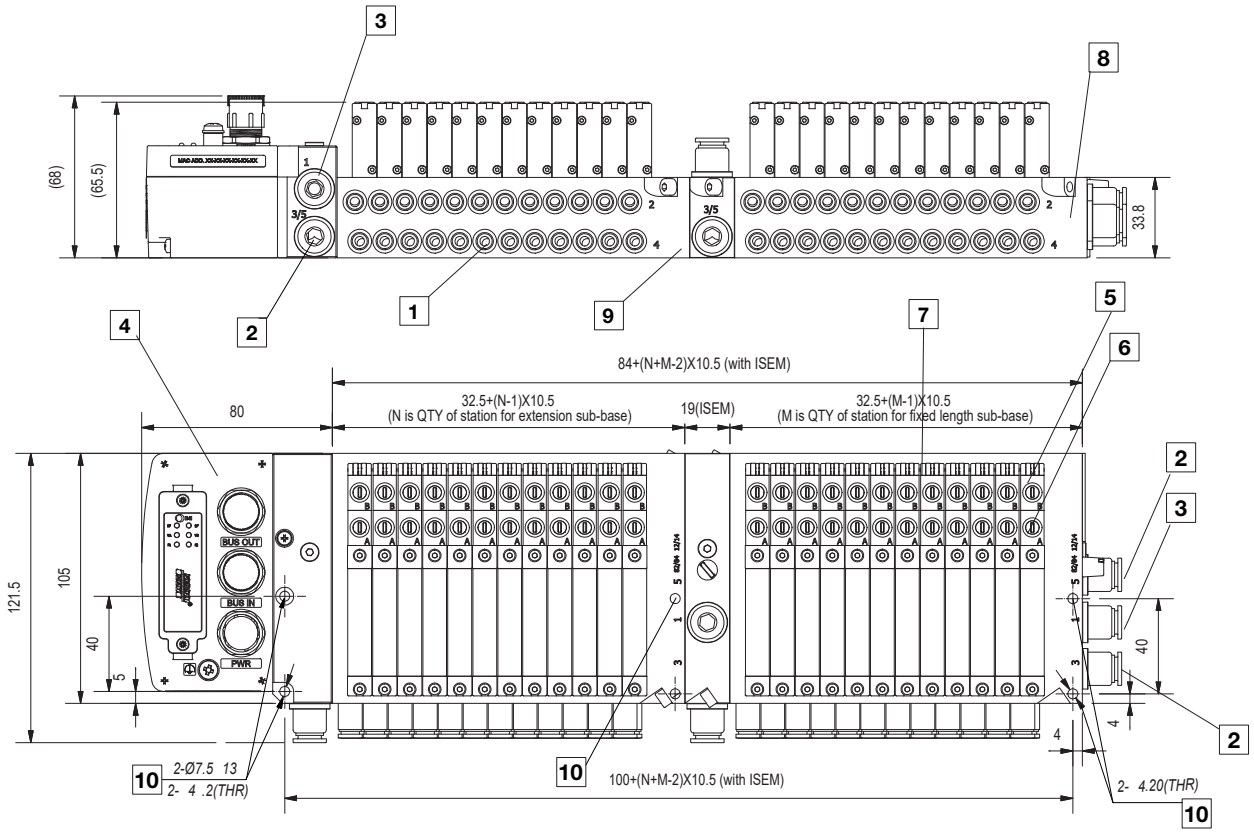
1 Outlet Port: PIF for tube O.D 4, O.D 6, O.D 5/32'', O.D 1/4''
2 Exhaust Port
3 Supply Port: PIF for tube O.D 8, O.D 5/16"
4 Control module
5 Manual override (Port 2)
6 Manual override (Port 4)
7 Status LEDs
8 Fixed Length Sub-Base
9 Mounting holes

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VSR1 10 mm Series

Dimensions in mm
Projection/First angle

N+M stations for Combination: Extension Sub-Base and Fixed Length Sub-Base (with ISEM)



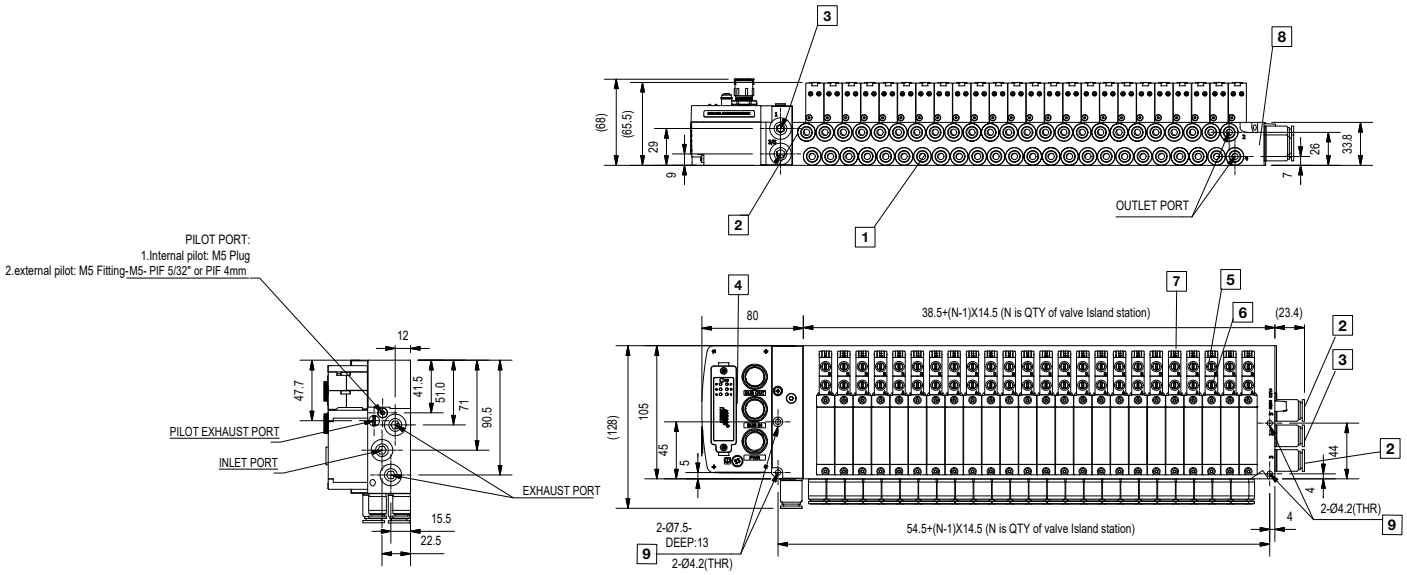
1 Outlet Port: PIF for tube O.D 4, O.D 6, O.D 5/32'', O.D 1/4''
2 Exhaust Port
3 Supply Port: PIF for tube O.D 8, O.D 5/16"
4 Control module
5 Manual override (Port 2)
6 Manual override (Port 4)
7 Status LEDs
8 Fixed Length Sub-Base
9 Extension Sub-Base
10 Mounting holes

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VSR2 15 mm Series

N stations for Fixed Length Sub-Base

Dimensions in mm
Projection/First angle



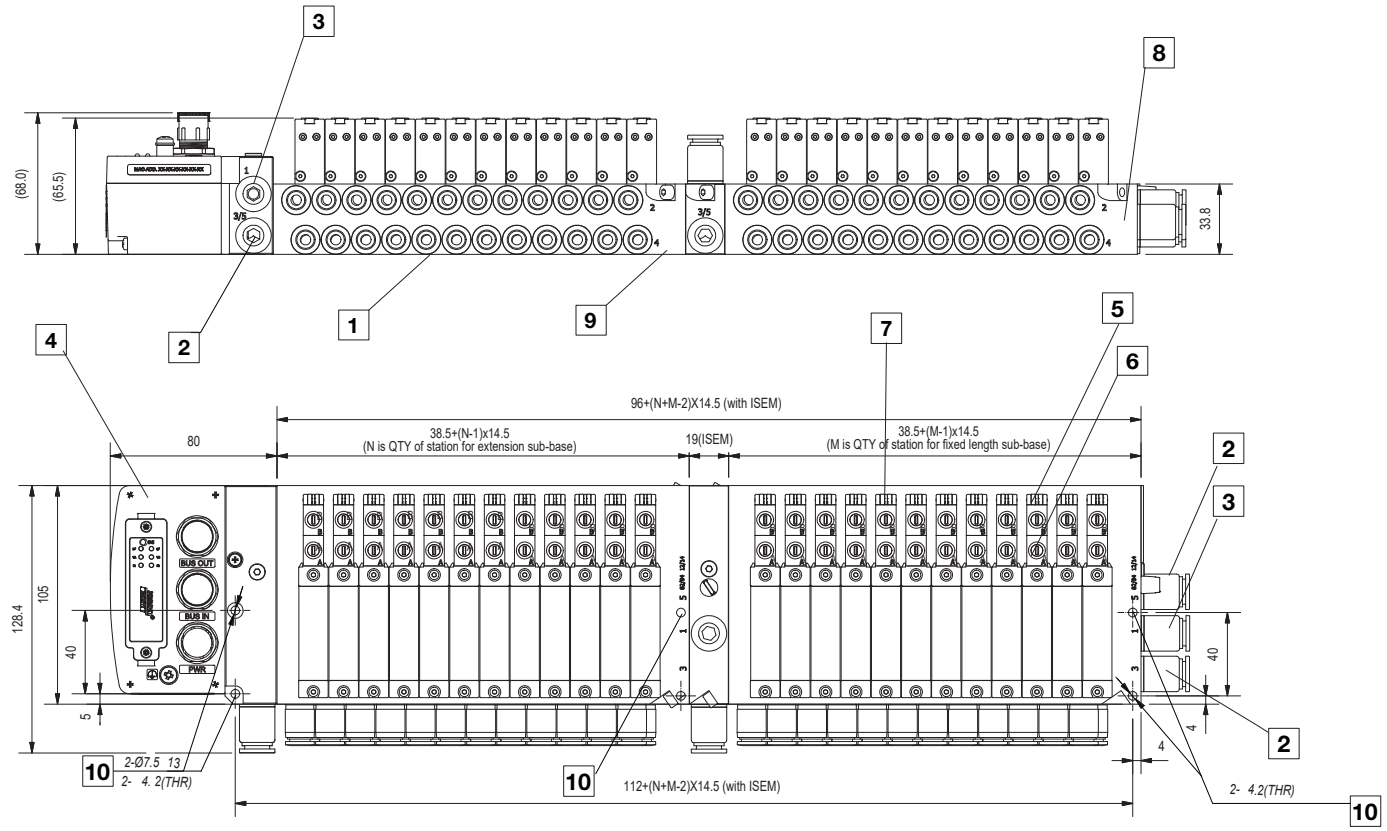
1 Outlet Port: PIF for tube O.D 6, O.D 8, O.D 1/4', O.D. 5/16"
2 Exhaust Port
3 Supply Port: PIF for tube O.D 10 O.D 3/8"
4 Control module
5 Manual override (Port 2)
6 Manual override (Port 4)
7 Status LEDs
8 Fixed Length Sub-Base
9 Mounting holes

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VSR2 15 mm Series

Dimensions in mm
Projection/First angle

N+M stations for Combination: Extension Sub-Base and Fixed Length Sub-Base (with ISEM)



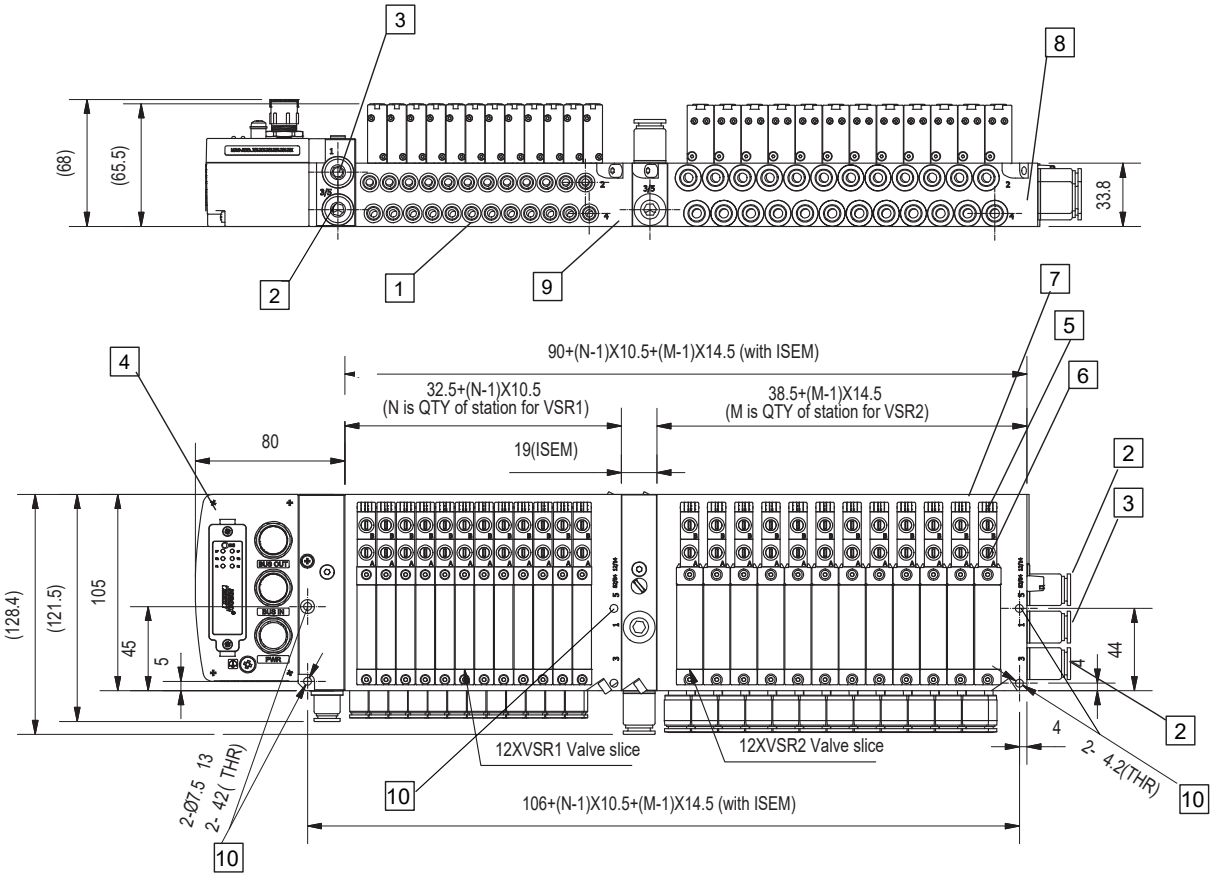
1 Outlet Port: PIF for tube O.D 6, O.D 8, O.D 1/4', O.D. 5/16"
2 Exhaust Port
3 Supply Port: PIF for tube O.D 10 O.D 3/8"
4 Control module
5 Manual override (Port 2)
6 Manual override (Port 4)
7 Status LEDs
8 Fixed Length Sub-Base
9 Extension Sub-Base
10 Mounting holes

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VSR3 10 mm & 15 mm mixed Series

N stations VSR1 10 mm + M stations VSR2 15 mm (with ISEM)

Dimensions in mm
Projection/First angle

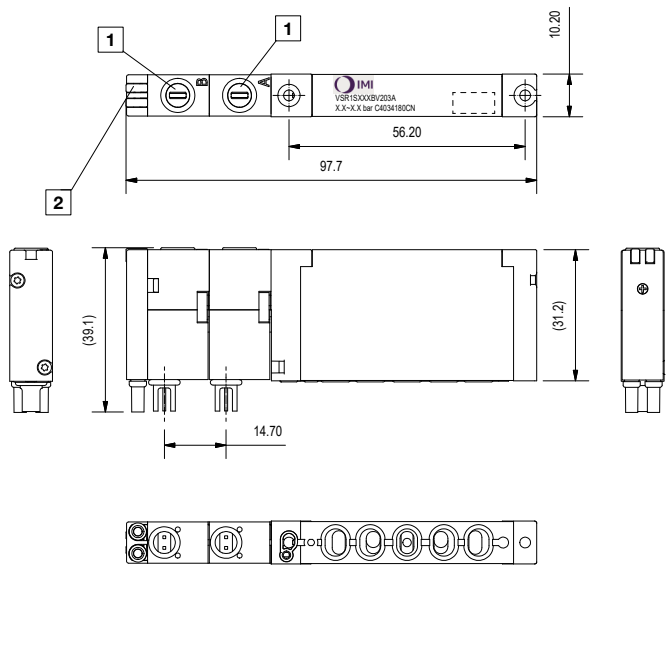


1 Outlet Port: PIF for tube O.D 4, O.D 5/32", O.D 6, O.D 1/4", O.D 8, O.D 5/16"
2 Exhaust Port
3 Supply Port: PIF for tube O.D 8 , O.D 5/16" or O.D 10, O.D 3/8"
4 Control module
5 Manual override (Port 2)
6 Manual override (Port 4)
7 Status LEDs
8 Fixed Length Sub-Base
9 Extension Sub-Base
10 Mounting holes

As VSR3 is the designation for mixed valve sizes, there is a choice of outlet fitting available for each valve size on their respective fixed length Sub-Base or the expansion Sub-Base. See the table on page 4 for details.

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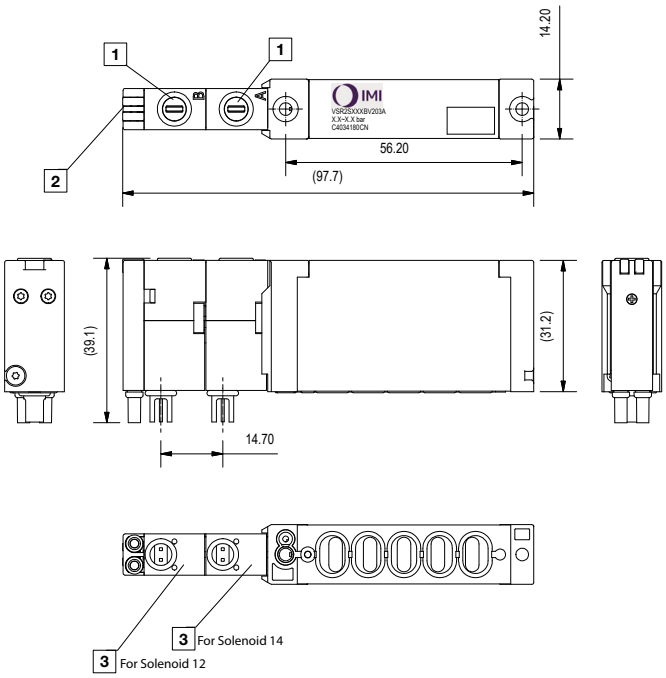
VSR1 Series (10 mm Valve)



1 Manual override
2 Status LEDs

VSR2 Series (15 mm Valve)

Dimensions in mm
Projection/First angle



3 Solenoid 12(B) is not available for 5/2 Sol/Spring

Warning

These products are intended for use in industrial compressed air and fluid systems only. Do not use these products where pressures and temperatures can exceed those listed under »Technical features/data«. Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult IMI.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure. System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.

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