Valve Islands VM15 Series

Valve slices 2 x 3/2, 5/2 and 5/3
With integral push-in fittings
Ø 6 mm, 8 mm and 10 mm

Multipole or individually wired for installation flexibility

Interchangeable Fieldbus compatible modules

Compact and lightweight

Quick disconnect base (Pneumapole)

High flow from a 15 mm valve width

Flexible design concept

Integral push in fittings



Technical data

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

Operation:
Spool valve indirectly actuated

Port sizes:
Ø 6 mm, 8 mm and 10 mm push-in fittings

Operating pressure:
8 bar max.

Ambient temperature:
-5°C to +50°C
Consult our Technical Service for use below +2°C.

Flow:

Function	C	b	A	l/min	Cv	Kv
5/2 ports 1 to 2, 4	4,12	1,12	16,52	1,000	1,01	0,85
5/2 ports 2 to 3, 4 to 5	4,01	1,09	16,10	975	0,98	0,82
3/2 ports 1 to 2, 1 to 4	3,97	1,08	15,94	965	0,97	0,82
3/2 ports 2 to 3, 4 to 5	2,96	0,80	11,89	720	0,73	0,61
5/3 ports 1 to 2, 4	3,70	1,00	14,86	900	0,91	0,76
5/3 ports 2 to 3, 4 to 5	3,25	0,88	13,05	790	0,80	0,67

Degree of protection:

Individually wired	IP40
Multipole	IP65
Fieldbus	IP65

Materials

Aluminium spool with nitrile rubber seals
Body, end plates: engineered PPA co-polymer

Ordering information

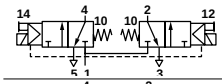
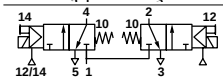
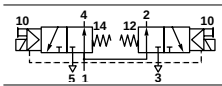
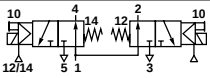
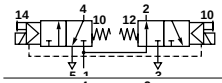
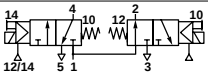
To order please use valve island configurator available at www.norgren.com
Alternatively use the manual valve island specification form in the Norgren catalogue

Page

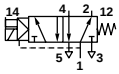
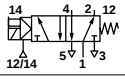
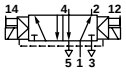
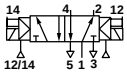
Valves 2
Accessories 3
Multipole 6
Fieldbus 7
Pneumapole sub-base 12
Fieldbus accessories 16

Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specifications given in this document.

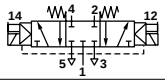
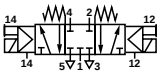
2 x 3/2 Double solenoid actuated valves

Symbol	Model	Manual override	Function 2 x 3/2	Pilot supply	Actuation	Operating pressure (bar)	Pilot pressure (bar)	kg
	VM15*A11AB213B	Push and turn to lock	NC (+ 5/3 COE)	Internal	Sol/spring	3 ... 8	–	0,099
	VM15*A11AB313B	Push only	NC (+ 5/3 COE)	Internal	Sol/spring	3 ... 8	–	0,099
	VM15*A22AB213B	Push and turn to lock	NC (+ 5/3 COE)	External	Sol/spring	-0,9 ... 8	3 ... 8	0,099
	VM15*A22AB313B	Push only	NC (+ 5/3 COE)	External	Sol/spring	-0,9 ... 8	3 ... 8	0,099
	VM15*B11AB213B	Push and turn to lock	NO (+ 5/3 COP)	Internal	Sol/spring	3 ... 8	–	0,103
	VM15*B11AB313B	Push only	NO (+ 5/3 COP)	Internal	Sol/spring	3 ... 8	–	0,103
	VM15*B22AB213B	Push and turn to lock	NO (+ 5/3 COP)	External	Sol/spring	-0,9 ... 8	3 ... 8	0,103
	VM15*B22AB313B	Push only	NO (+ 5/3 COP)	External	Sol/spring	-0,9 ... 8	3 ... 8	0,103
	VM15*C11AB213B	Push and turn to lock	NC/NO	Internal	Sol/spring	3 ... 8	–	0,101
	VM15*C11AB313B	Push only	NC/NO	Internal	Sol/spring	3 ... 8	–	0,101
	VM15*C22AB213B	Push and turn to lock	NC/NO	External	Sol/spring	-0,9 ... 8	3 ... 8	0,101
	VM15*C22AB313B	Push only	NC/NO	External	Sol/spring	-0,9 ... 8	3 ... 8	0,101

5/2 Single and double solenoid actuated valves

Symbol	Model	Manual override	Function	Pilot supply	Actuation	Operating pressure (bar)	Pilot pressure (bar)	kg
	VM15*517AB213B	Push and turn to lock	5/2	Internal	Sol/spring	3 ... 8	–	0,086
	VM15*517AB313B	Push only	5/2	Internal	Sol/spring	3 ... 8	–	0,086
	VM15*527AB213B	Push and turn to lock	5/2	External	Sol/spring	-0,9 ... 8	3 ... 8	0,086
	VM15*527AB313B	Push only	5/2	External	Sol/spring	-0,9 ... 8	3 ... 8	0,086
	VM15*511AB213B	Push and turn to lock	5/2	Internal	Sol/sol	3 ... 8	–	0,097
	VM15*511AB313B	Push only	5/2	Internal	Sol/sol	3 ... 8	–	0,097
	VM15*522AB213B	Push and turn to lock	5/2	External	Sol/sol	-0,9 ... 8	2 ... 8	0,097
	VM15*522AB313B	Push only	5/2	External	Sol/sol	-0,9 ... 8	2 ... 8	0,097

5/3 Double solenoid actuated valves

Symbol	Model	Manual override	Function	Pilot supply	Actuation	Operating pressure (bar)	Pilot pressure (bar)	kg
	VM15*611AB213B	Push and turn to lock	5/3 APB	Internal	Sol/sol	3 ... 8	–	0,105
	VM15*611AB313B	Push only	5/3 APB	Internal	Sol/sol	3 ... 8	–	0,105
	VM15*622AB213B	Push and turn to lock	5/3 APB	External	Sol/sol	0,9 ... 8	3 ... 8	0,105
	VM15*622AB313B	Push only	5/3 APB	External	Sol/sol	0,9 ... 8	3 ... 8	0,105

Valve dimensions see page 4

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under '**Technical 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 NORGREN.

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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Options selector

VM15★★★★AB★13B

Tube size	Substitute
6 mm PIF	6
8 mm PIF	8
10 mm PIF	Y
No PIF (for Pneumapole)	7

Valve function	Substitute
5/2	5
5/3 APB	6
2 x 3/2 NC and 5/3 COE	A
2 x 3/2 NO and 5/3 COP	B
2 x 3/2 NC and NO	C

Manual override	Substitute
Push and turn to lock	2
Push only	3

Actuation/pilot supply	Substitute
Solenoid/solenoid internal pilot	11
Solenoid/spring internal pilot **	17
Solenoid/solenoid external pilot	22
Solenoid/spring external pilot **	27

Note: For 5/3 COE and COP use 2 x 3/2
APB = All Ports Blocked COE = Centre Open Exhaust
COP = Centre Open Pressure
For valve island specification see page 22
Use our configurator under http://www.norgren.com (also available on CD)
* Requires Pneumapole sub-base
** Can only be used with 5/2 valve

Electrical details

Voltage:	24 V d.c. 1,2 W
Surge suppression:	Flywheel diode
Indication:	Yellow LED

Solenoids

Voltage tolerance:	± 10%
Rating:	100% ED

Accessories

D Sub-connector 25 pin IP65



V11569-E01	1 m	L1	V11570-E01	1 m	M1	V11556-E03	0,3 m	K2	VM106517AQ0300	B000	
V11569-E03	3 m	L2	V11570-E03	3 m	M2	V11556-E10	1 m	K1			
V11569-E05	5 m	L3	V11570-E05	5 m	M3						

D Sub-connector 44 pin IP65



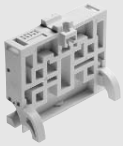
2 Pin connector IP40



Valve blanking station



Port blanking station

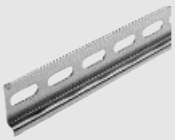


VM156517AQ0301	Port 1 blanked	B100
VM156517AQ0302	Ports 3 & 5 blanked	B300
VM156517AQ0303	Ports 1, 3 & 5 blanked	B500

Pressure switch



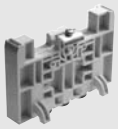
DIN Rail



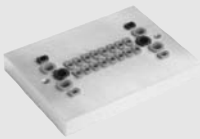
DIN Rail fixing kit



ISEM



Pneumapole sub-base



VM106517AQ0806	6 mm	7B	V10009-C00	1 m	A17	V12022-K30		8E	VM156517AQ0304	Feed right	RM80
						V11900-C01		8D	VM156517AQ0305	Feed left	LM80
									VM156517AQ0306	Feed right & left	FM80

For part numbers and dimensional details see page 12

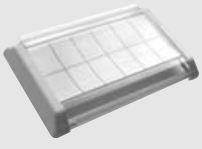
D Sub-connector 25 pin 90° IP65



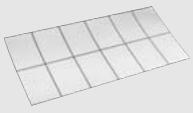
D Sub-connector 44 pin 90° IP65



Label cover kit



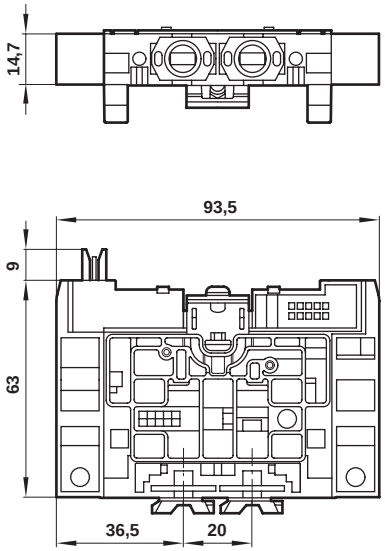
Labels



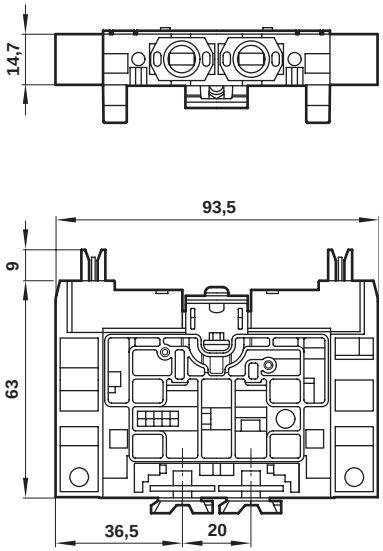
V12086-E01	1 m	L4	V12088-E01	1m	M4	V12016-K30	4 Station	G1	V12033-L01	Write and seal label	J1
V12086-E03	3 m	L5	V12088-E03	3m	M5	V12016-K31	6 Station	G2	V12034-L01	Paper label	J5
V12086-E05	5 m	L6	V12088-E05	5m	M6	V12016-K32	8 Station	G3			
						V12016-K33	10 Station	G4			
						V12016-K34	12 Station	G5			
						V12016-K35	16 Station	G6			

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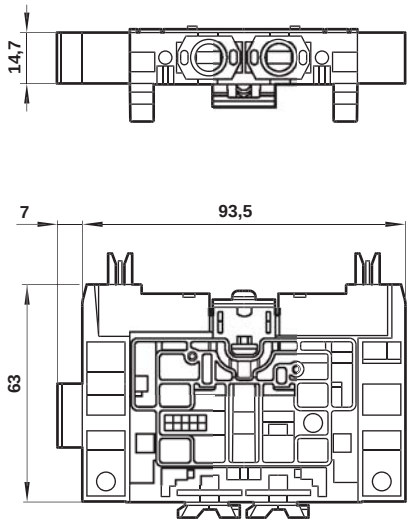
Single solenoid



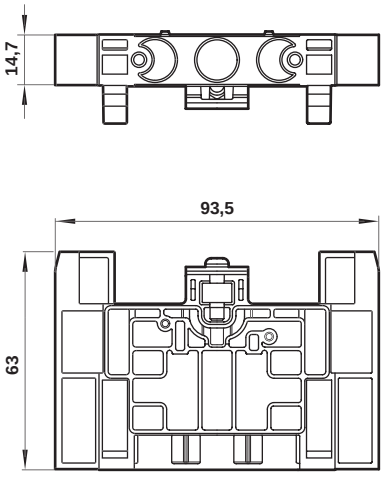
Double solenoid



5/3 APB
Double solenoid



Blanking plates

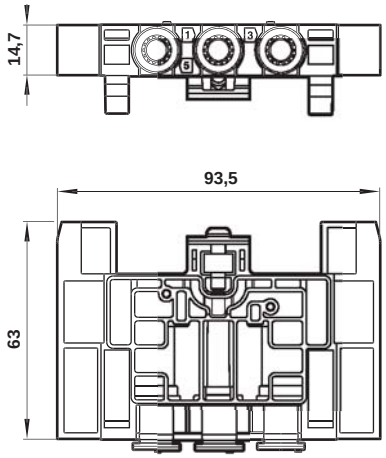


Valve blanking station	Short code	Port blanking station		Short code	kg
VM156517AQ0300	**B000**	VM156517AQ0301	Port 1 blanked	**B100**	0,028
		VM156517AQ0302	Ports 3 & 5 blanked	**B300**	0,028
		VM156517AQ0303	Ports 1, 3 & 5 blanked	**B500**	0,028

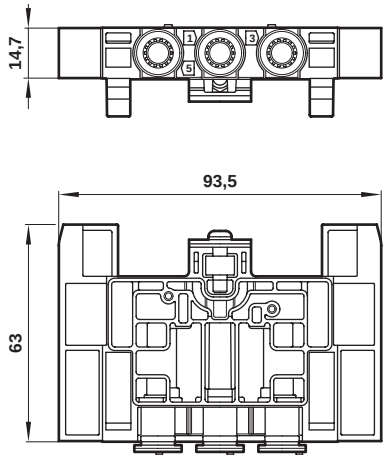
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ISEM (Intermediate Supply Exhaust Manifold)

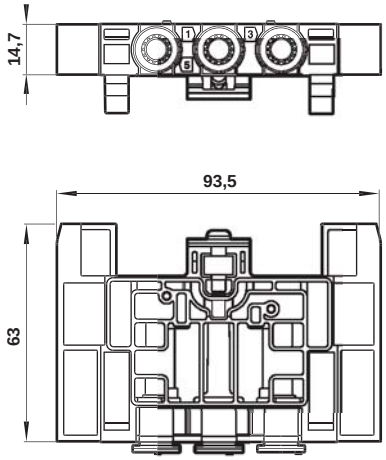
VM156517AQ0304



VM156517AQ0305

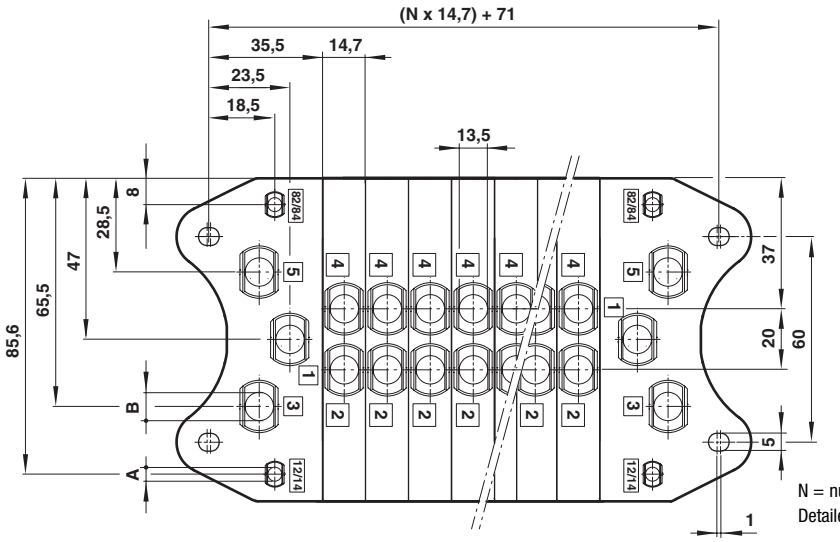


VM156517AQ0306



ISEM		Short code
VM156517AQ0304	Feed right	**RM80**
VM156517AQ0305	Feed left	**LM80**
VM156517AQ0306	Feed right & left	**FM80**

Port connections and mountings



N = number of stations

Detailed CAD drawings available through website valve island configurator

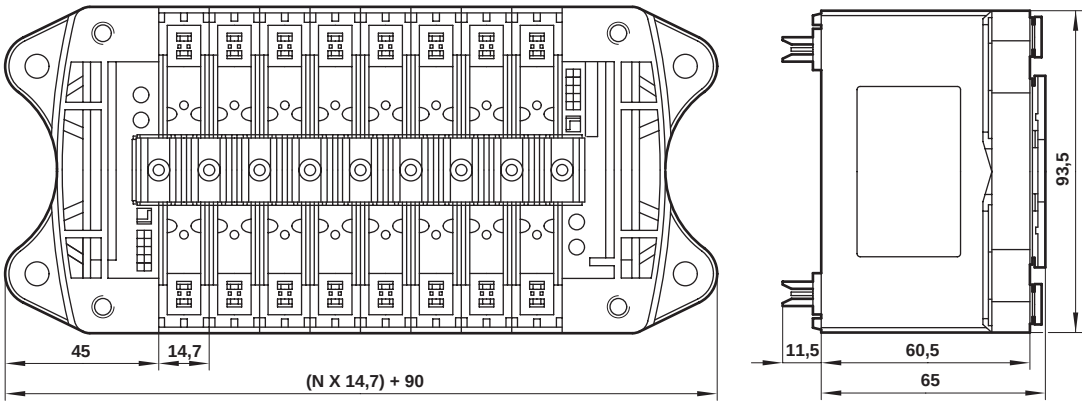
Model	Description	B Ports 1 ,3 & 5	A Ports 12/14 & 82/84	C Ports 2 & 4	Short code	kg
VM156517AQ010Z	End plate kit - feed both ends	12 mm	6 mm	6 mm, 8 mm or 10 mm	**F200**	0,285
VM156517AQ010Y	End plate kit - feed both ends	10 mm	6 mm	6 mm, 8 mm or 10 mm	**F100**	0,285
VM156517AQ011Z	End plate kit - right blocked	12 mm	6 mm	6 mm, 8 mm or 10 mm	**L200**	0,285
VM156517AQ011Y	End plate kit - right blocked	10 mm	6 mm	6 mm, 8 mm or 10 mm	**L100**	0,285
VM156517AQ012Z	End plate kit - left blocked	12 mm	6 mm	6 mm, 8 mm or 10 mm	**R200**	0,285
VM156517AQ012Y	End plate kit - left blocked	10 mm	6 mm	6 mm, 8 mm or 10 mm	**R100**	0,285
VM156517AQ0134	End plate kit - feed both ends - Pneumapole	no PIF	no PIF	6 mm, 8 mm or 10 mm	**FP00**	0,285
VM156517AQ0135	End plate kit - left blocked - Pneumapole	no PIF	no PIF	6 mm, 8 mm or 10 mm	**RP00**	0,285
VM156517AQ0136	End plate kit - right blocked - Pneumapole	no PIF	no PIF	6 mm, 8 mm or 10 mm	**LP00**	0,285

Note: Under no circumstances should port 82/84 be plugged. A filter/silencer can be fitted or the port can be piped away.

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Modular assembly

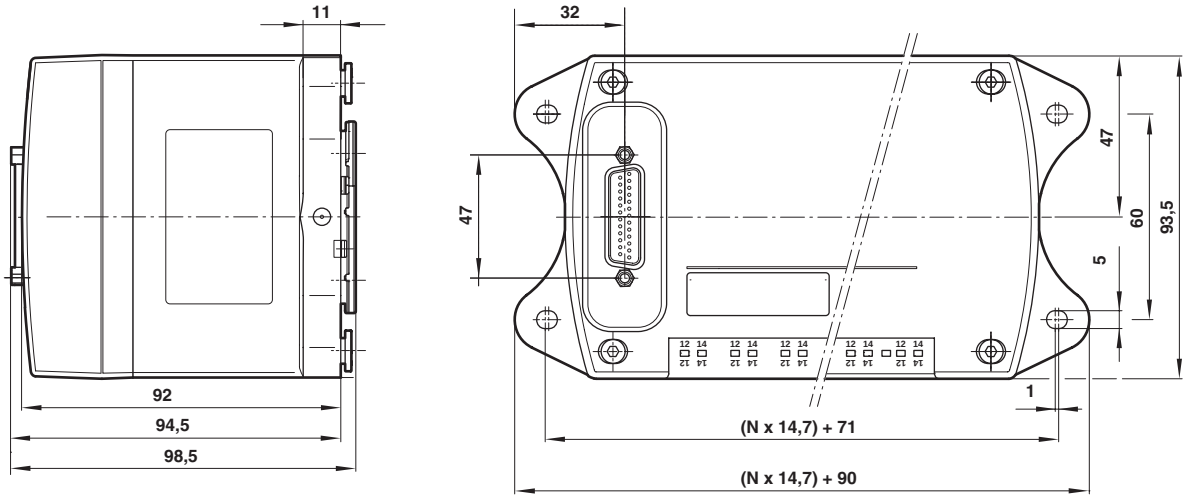
Individually wired IP40



Individually wired	No. of stations	Max. no. coils	kg*
2 Pin connector	2 to 20	40	0,285

* kg + valves weight

Multipole IP65



Multipole	No. of stations	Model -ve common	Short code	Model +ve common	Short code	Max. no. coils	kg
25 Pin connector	4	VM156517AQ0404	**2N04**	VM156517RQ0404	**2P04**	8	0,467
25 Pin connector	6	VM156517AQ0406	**2N06**	VM156517RQ0406	**2P06**	12	0,505
25 Pin connector	8	VM156517AQ0408	**2N08**	VM156517RQ0408	**2P08**	16	0,540
25 Pin connector	10	VM156517AQ0410	**2N10**	VM156517RQ0410	**2P10**	20	0,575
25 Pin connector	12	VM156517AQ0412	**2N12**	VM156517RQ0412	**2P12**	24	0,623
44 Pin connector	10	VM156517AQ0510	**4N10**	VM156517RQ0510	**4P10**	20	0,575
44 Pin connector	12	VM156517AQ0512	**4N12**	VM156517RQ0512	**4P12**	24	0,623
44 Pin connector	16	VM156517AQ0516	**4N16**	VM156517RQ0516	**4P16**	32	0,706

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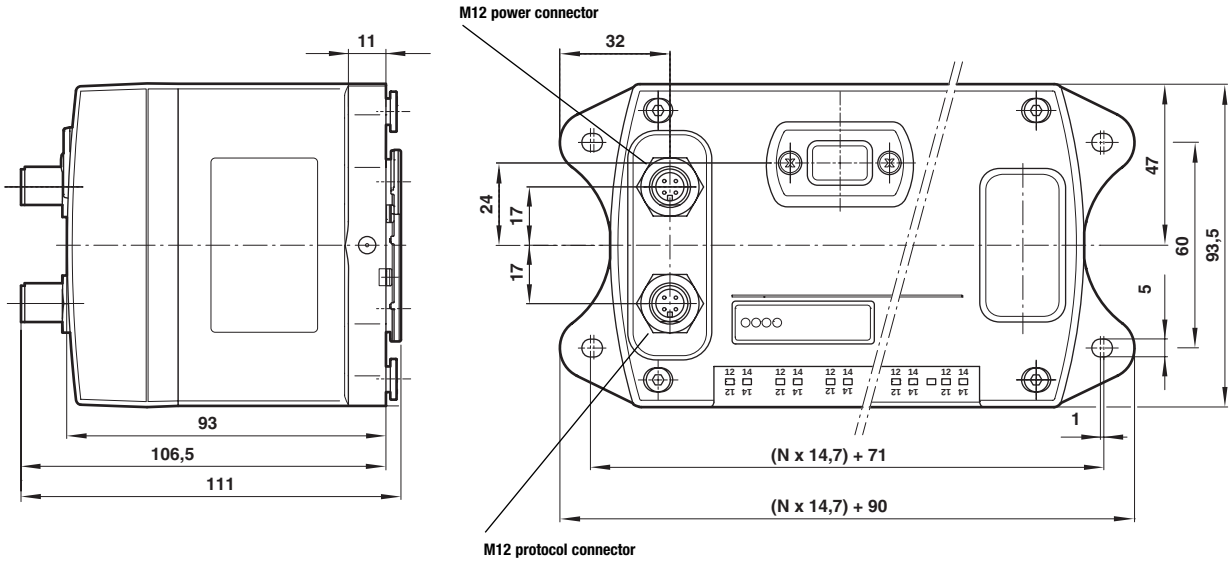
Fieldbus connections (M12 connector types IP65)

Standard fieldbus - available protocols	No. of stations	Model	Max. no. coils	Short code	kg*
DeviceNet	6	VM15DNFNB-00062	12	DR06	0,542
DeviceNet	8	VM15DNFNB-00082	16	DR08	0,578
DeviceNet	10	VM15DNFNB-00102	20	DR10	0,615
DeviceNet	12	VM15DNFNB-00122	24	DR12	0,663
DeviceNet	16	VM15DNFNB-00162	32	DR16	0,742
CANopen	6	VM15CNFNB-00062	12	CR06	0,542
CANopen	8	VM15CNFNB-00082	16	CR08	0,578
CANopen	10	VM15CNFNB-00102	20	CR10	0,615
CANopen	12	VM15CNFNB-00122	24	CR12	0,663
CANopen	16	VM15CNFNB-00162	32	CR16	0,742

DeviceNet

CANopen

* kg + valves weight



Connector details

Male



Communication in

Bus connector: M12 5-pin (A-coded)

Pin no.	Function
1	Drain
2	V+ (<100 mA)
3	V-
4	CAN_H
5	CAN_L

Male



Power connector: M12 4-pin (A-coded)

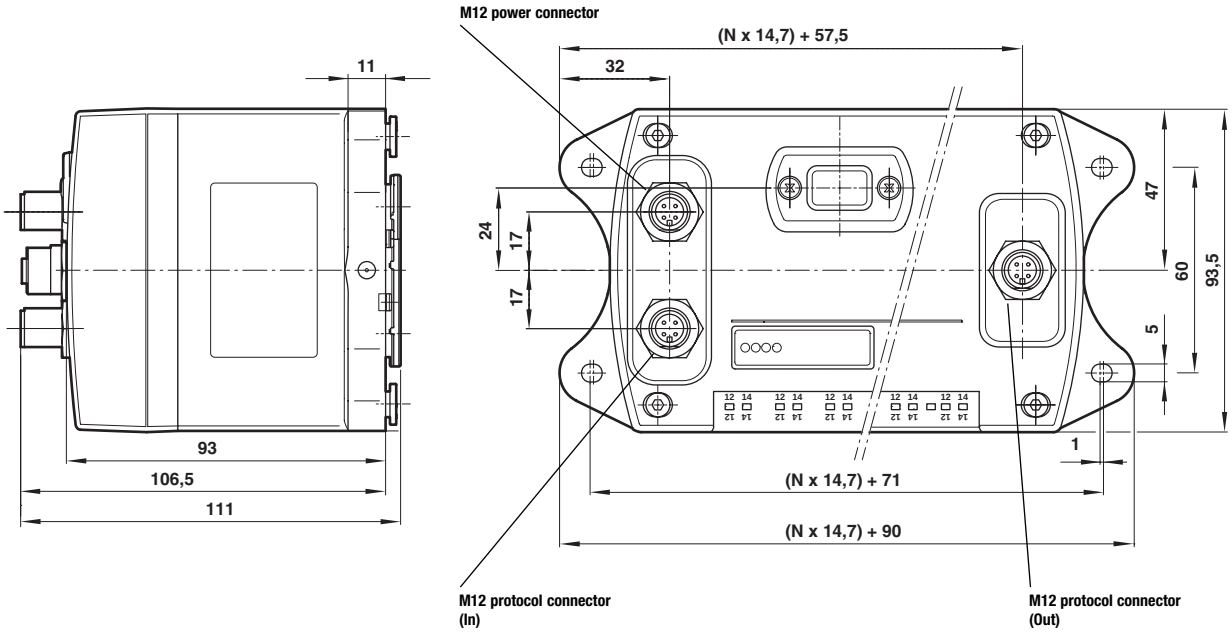
Pin no.	Function	Tolerance	Max. current
2	24 VA valves	±10%	1,5 A
3	0 V	–	1,5 A
4	Earth	–	-

Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specifications given in this document.

Fieldbus connections (M12 connector types IP65)

Standard Fieldbus - available protocols	No. of stations	Model	Max. no. coils	Short code	kg*
Profibus-DP	6	VM15DPFNB-00062	12	**PS06**	0,551
Profibus-DP	8	VM15DPFNB-00082	16	**PS08**	0,586
Profibus-DP	10	VM15DPFNB-00102	20	**PS10**	0,624
Profibus-DP	12	VM15DPFNB-00122	24	**PS12**	0,671
Profibus-DP	16	VM15DPFNB-00162	32	**PS16**	0,751

* kg + valves weight



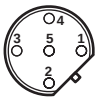
Connector details

Male



Communication in

Female



Communication out

Bus connector: M12 5-pin (B-coded)

Pin no.	Function
1	5VI Opto isolated
2	A-line (green)
3	0VI Opto isolated
4	B-line (red)
5	Shield
Threaded joint	Shield

Male



Power connector: M12 4-pin (A-coded)

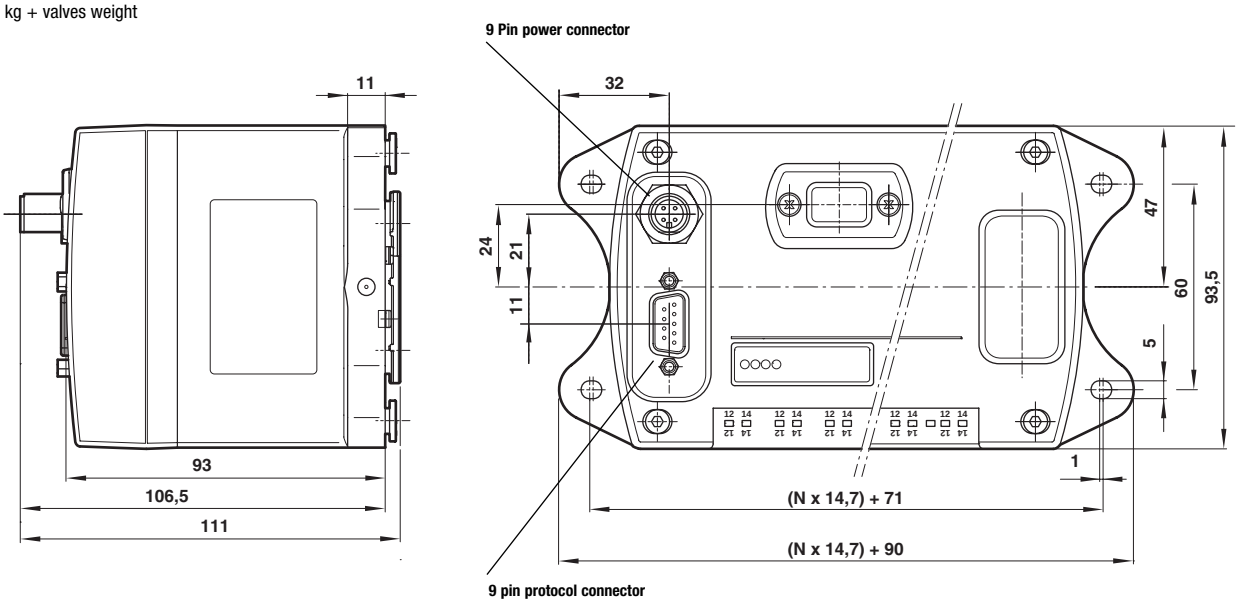
Pin no.	Function	Tolerance	Max. current
1	24 VB logic circuit supply	±30%	300 mA
2	24 VA valves	±10%	1,5 A
3	0 V	–	1,8 A
4	Earth	–	–

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Fieldbus connections (9 Pin D-type connector types IP65)

Standard Fieldbus - available protocols	No. of stations	Model	Max. no. coils	Short code	kg*
Profibus-DP	6	VM15DPFNB-0006D	12	**PR06**	0,551
Profibus-DP	8	VM15DPFNB-0008D	16	**PR08**	0,586
Profibus-DP	10	VM15DPFNB-0010D	20	**PR10**	0,624
Profibus-DP	12	VM15DPFNB-0012D	24	**PR12**	0,671
Profibus-DP	16	VM15DPFNB-0016D	32	**PR16**	0,751

* kg + valves weight



Connector details

Power connection

Female



Bus connector: D-Sub 9-pin

Pin no.	Function
1	Shield
2	N/C
3	B-Line (red) RxD / TxD-P
4	CNTR-P (RTS)
5	DGND (0VI) Opto isolated
6	VP (5VI) Opto isolated
7	N/C
8	A-Line (green) RxD / TxD-N
9	CNTR-N (direction control)

Male



Power connector: M12 4-pin (A-coded)

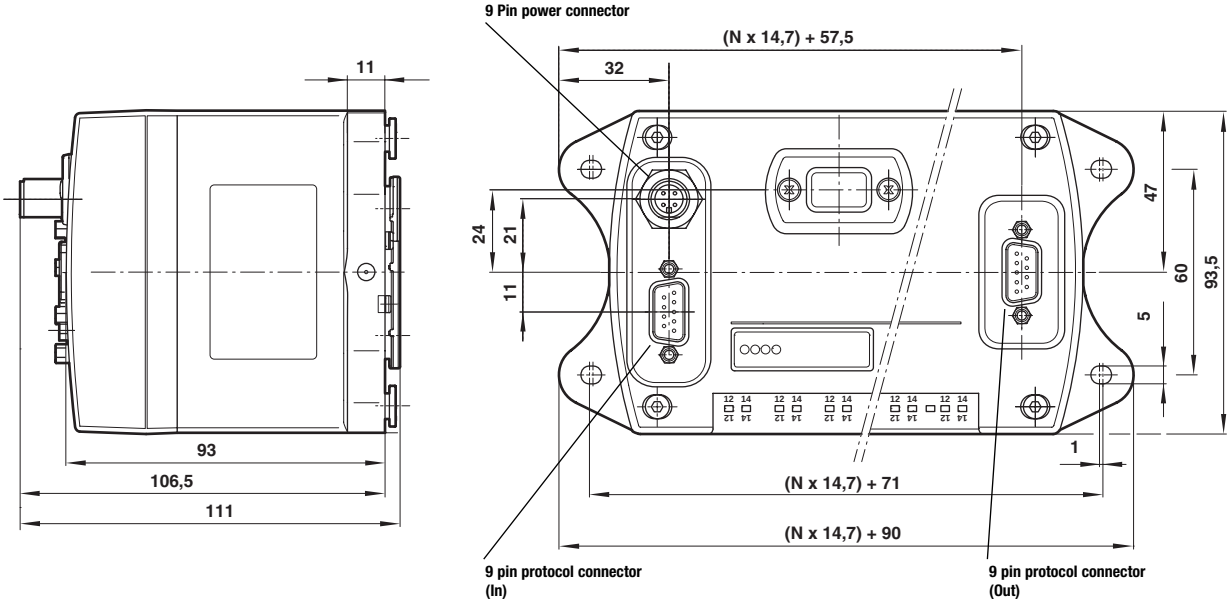
Pin no.	Function	Tolerance	Max. current
1	24 VB logic circuit supply	±30%	300 mA
2	24 VA valves	±10%	1,5 A
3	0 V	–	1,8 A
4	Earth	–	–

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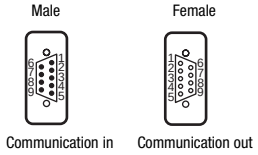
Fieldbus connections (9 Pin D-type connector types IP65)

Standard Fieldbus - available protocols	No. of stations	Model	Max. no. coils	Short code	kg*
Interbus-S	6	VM15IBFNB-00060	12	**S006**	0,546
Interbus-S	8	VM15IBFNB-00080	16	**S008**	0,581
Interbus-S	10	VM15IBFNB-00100	20	**S010**	0,619
Interbus-S	12	VM15IBFNB-00120	24	**S012**	0,666
Interbus-S	16	VM15IBFNB-00160	32	**S016**	0,746

* kg + valves weight



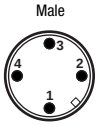
Connector details



Bus connector: D-Sub 9-pin

Outgoing remote bus pin no.	D-Sub connector (female) signal	Incoming remote bus pin no	D-Sub connector (male) signal
1	D0	1	D0
2	DI	2	DI
3	0VI	3	0VI
4	*	4	*
5	+5VI**	5	*
6	/D0	6	/D0
7	/DI	7	/DI
8	*	8	*
9	RBST**	9	-

* Do not connect to pins 4 or 8
** If used, the outgoing bus connector should have pins 5 and 9 connected together to indicate the presence of a device on the outgoing bus



Power connector: M12 4-pin (A-coded)

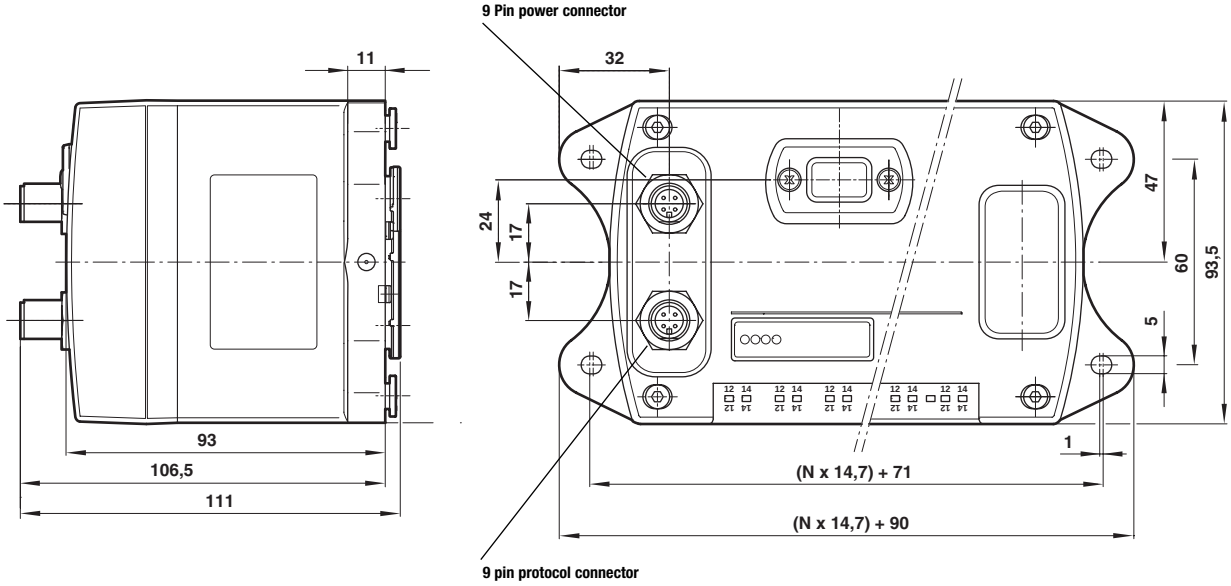
Pin no.	Function	Tolerance	Max. current
1	24 VB logic circuit supply	±30%	300 mA
2	24 VA valves	±10%	1,5 A
3	0 V	–	1,8 A
4	Earth	–	–

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Fieldbus connections (M12 connector types IP65)

Standard Fieldbus - available protocols	No. of stations	Model	Max. no. coils	Short code	kg*
AS-Interface	4	VM15AS10A00412	4	**A404**	0,505
AS-Interface	8	VM15AS10A00812	8	**A808**	0,578
AS-Interface	4	VM15AS10A00822	8	**A804**	0,505
AS-Interface	8	VM15AS10A00832	8	**A406**	0,542

* kg + valves weight



Connector details

Male



Communication in/out

Bus connector: M12 4-pin (A-coded)

Pin no.	Function	Max. current
1	AS-I	3)
2	–	–
3	AS-I	–
4	–	–

Male



Power connector: M12 4-pin (A-coded)

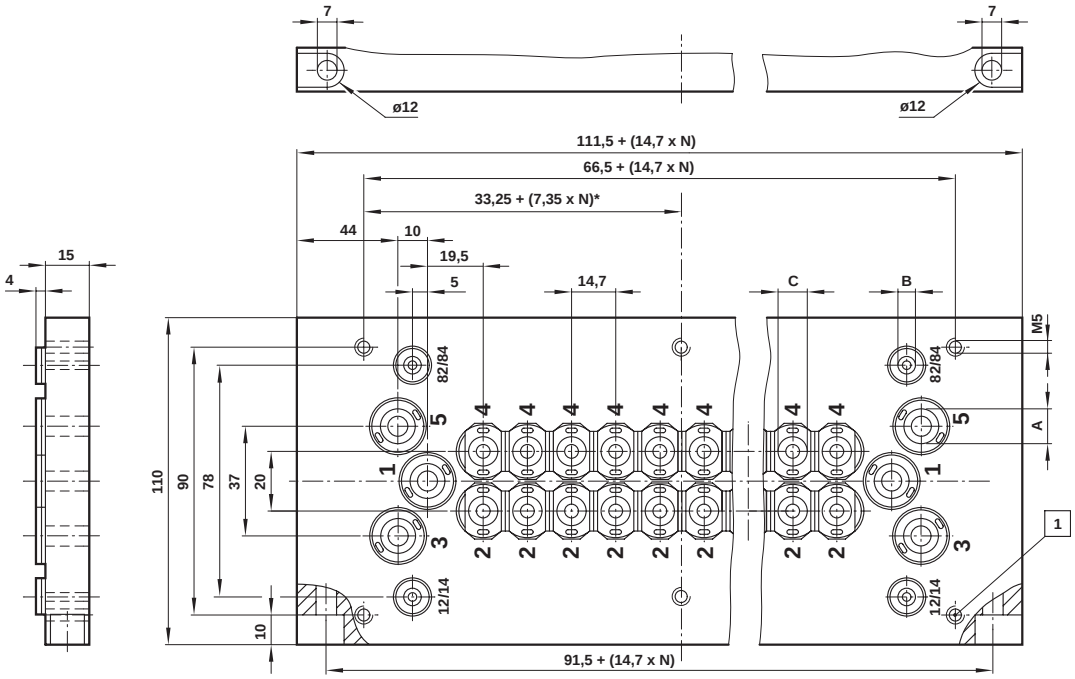
Pin no.	Function	Tolerance	Max. current
1	+24 V d.c.	±10%	4)
2	–	–	–
3	0 V	–	–
4	–	–	–

3) Single slave: 40 mA, Double slave: 75 mA
4) Single slave: I_{max} = 20 mA + n*60 mA
Double slave: I_{max} = 35 mA + n*60 mA
n = number of energized solenoids

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Pneumapole sub-base

Model	Description	A Ports 1, 3 & 5	B Ports 12/14 & 82/84	C Ports 2 & 4	Exhaust type	Short code
VM156517AQY604	4 station Pneumapole	12 mm	6 mm	10 mm	Standard	**1B04**
VM156517AQY606	6 station Pneumapole	12 mm	6 mm	10 mm	Standard	**1B06**
VM156517AQY608	8 station Pneumapole	12 mm	6 mm	10 mm	Standard	**1B08**
VM156517AQY610	10 station Pneumapole	12 mm	6 mm	10 mm	Standard	**1B10**
VM156517AQY612	12 station Pneumapole	12 mm	6 mm	10 mm	Standard	**1B12**
VM156517AQY616	16 station Pneumapole	12 mm	6 mm	10 mm	Standard	**1B16**

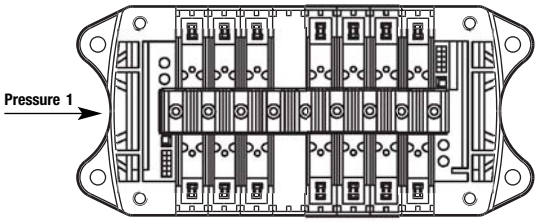


* 12 & 16 station only

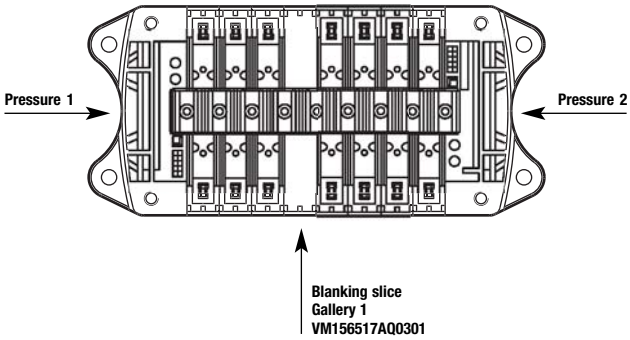
Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specifications given in this document.

Multi-pressure options

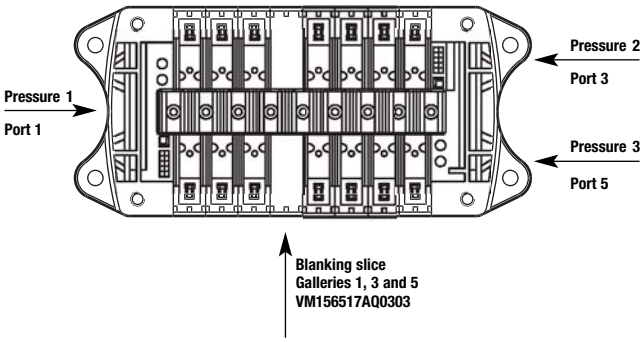
Single pressure



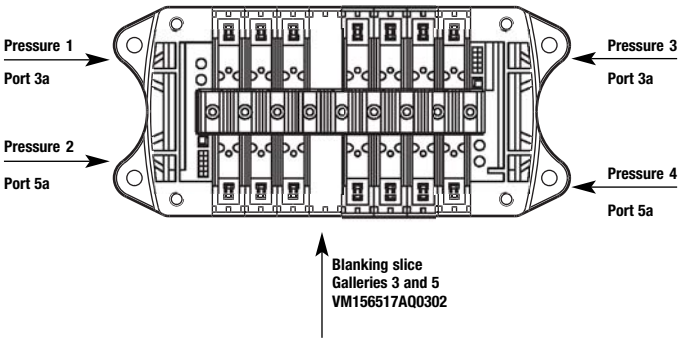
Dual pressure



Three pressure

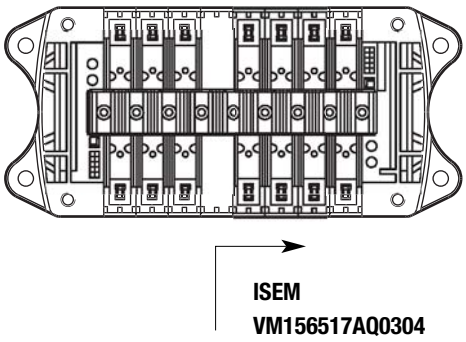


Four pressure

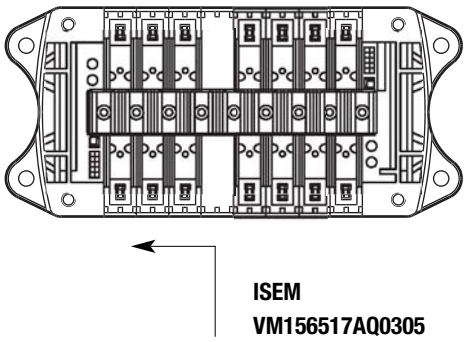


Multi-pressure options – Intermediate Supply Exhaust Manifolds

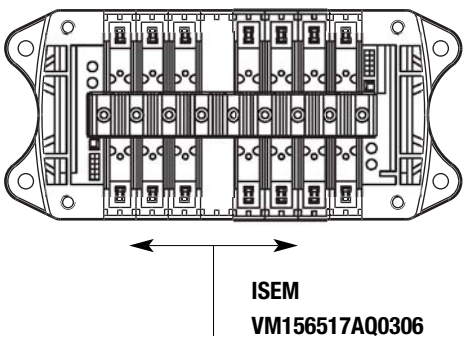
Feed right



Feed left

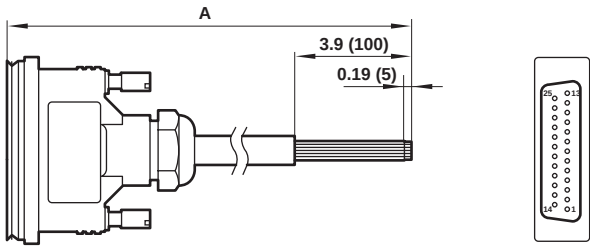


Three pressure



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25 pin D sub-connector (IP65)

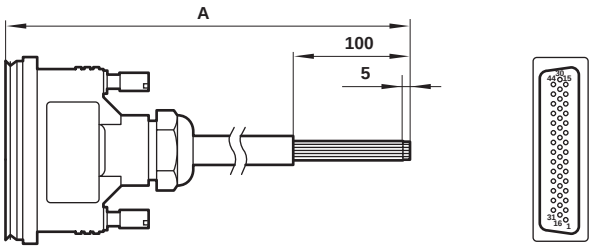


Model	A	Short code	kg
V11569-E01	1 m	**L1**	0,276
V11569-E03	3 m	**L2**	0,676
V11569-E05	5 m	**L3**	1,076

Pin no.	Wire colour	Socket	Pilot	Station
1	White	Solenoid 1–a	14	1
2	Brown	Solenoid 2–a	14	2
3	Green	Solenoid 3–a	14	3
4	Yellow	Solenoid 4–a	14	4
5	Grey	Solenoid 5–a	14	5
6	Pink	Solenoid 6–a	14	6
7	Blue	Solenoid 7–a	14	7
8	Red	Solenoid 8–a	14	8
9	Black	Solenoid 9–a	14	9
10	Violet	Solenoid 10–a	14	10
11	Grey/Pink	Solenoid 11–a	14	11
12	Red/Blue	Solenoid 12–a	14	12
13	White/Green	Common-Ve		–
14	Brown/Green	Solenoid 1–b	12	1
15	White/Yellow	Solenoid 2–b	12	2
16	Yellow/Brown	Solenoid 3–b	12	3
17	White/Grey	Solenoid 4–b	12	4
18	Grey/Brown	Solenoid 5–b	12	5
19	White/Pink	Solenoid 6–b	12	6
20	Pink/Brown	Solenoid 7–b	12	7
21	White/Blue	Solenoid 8–b	12	8
22	Brown/Blue	Solenoid 9–b	12	9
23	White/Red	Solenoid 10–b	12	10
24	Brown/Red	Solenoid 11–b	12	11
25	White/Black	Solenoid 12–b	12	12

Note: Conforms to DIN 47100

44 pin D Sub-connector (IP65)

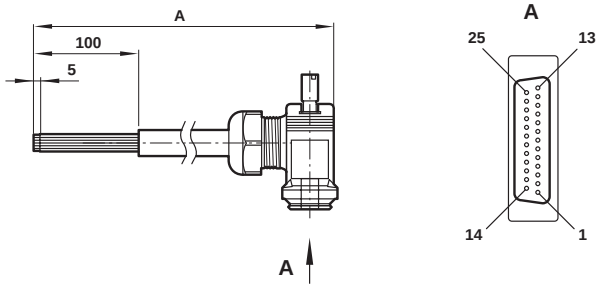


Model	A	Short code	kg
V11570-E01	1 m	**M1**	0,280
V11570-E03	3 m	**M2**	0,680
V11570-E05	5 m	**M3**	1,080

Pin no.	Wire colour	Socket	Pilot	Station
1	White	Solenoid 1–a	14	1
2	Brown	Solenoid 2–a	14	2
3	Green	Solenoid 3–a	14	3
4	Yellow	Solenoid 4–a	14	4
5	Grey	Solenoid 5–a	14	5
6	Pink	Solenoid 6–a	14	6
7	Blue	Solenoid 7–a	14	7
8	Red	Solenoid 8–a	14	8
9	Black	Solenoid 9–a	14	9
10	Violet	Solenoid 10–a	14	10
11	Grey/Pink	Solenoid 11–a	14	11
12	Red/Blue	Solenoid 12–a	14	12
13	White/Green	Solenoid 13–a	14	13
14	Brown/Green	Solenoid 14–a	14	14
15	White/Yellow	Solenoid 15–a	14	15
16	Yellow/Brown	Solenoid 1–b	12	1
17	White/Grey	Solenoid 2–b	12	2
18	Grey/Brown	Solenoid 3–b	12	3
19	White/Pink	Solenoid 4–b	12	4
20	Pink/Brown	Solenoid 5–b	12	5
21	White/Blue	Solenoid 6–b	12	6
22	Brown/Blue	Solenoid 7–b	12	7
23	White/Red	Solenoid 8–b	12	8
24	Brown/Red	Solenoid 9–b	12	9
25	White/Black	Solenoid 10–b	12	10
26	Brown/Black	Solenoid 11–b	12	11
27	Grey/Green	Solenoid 12–b	12	12
28	Yellow/Grey	Solenoid 13–b	12	13
29	Pink/Green	Solenoid 14–b	12	14
30	Yellow/Pink	Solenoid 15–b	12	15
31	Green/Blue	Solenoid 16–a	14	16
32	Yellow/Blue	Solenoid 16–b	12	16
33	-	NOT USED	-	-
34	-	NOT USED	-	-
35	-	NOT USED	-	-
36	-	NOT USED	-	-
37	-	NOT USED	-	-
38	-	NOT USED	-	-
39	-	NOT USED	-	-
40	-	NOT USED	-	-
41	-	NOT USED	-	-
42	-	NOT USED	-	-
43	-	NOT USED	-	-
44	Red/Black Yellow/Black	Common -Ve	-	-

Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specifications given in this document.

D Sub-connector 25 pin 90°
Right handed

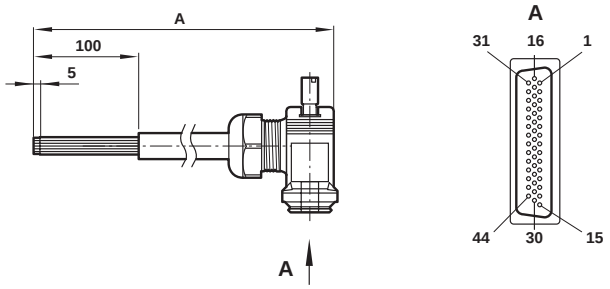


Model	A	Short code	kg
V12086-E01	1 m	**L4**	0,275
V12086-E03	3 m	**L5**	0,675
V12086-E05	5 m	**L6**	1,075

Pin no.	Wire colour	Socket	Pilot	Station
1	White	Solenoid 1–a	14	1
2	Brown	Solenoid 2–a	14	2
3	Green	Solenoid 3–a	14	3
4	Yellow	Solenoid 4–a	14	4
5	Grey	Solenoid 5–a	14	5
6	Pink	Solenoid 6–a	14	6
7	Blue	Solenoid 7–a	14	7
8	Red	Solenoid 8–a	14	8
9	Black	Solenoid 9–a	14	9
10	Violet	Solenoid 10–a	14	10
11	Grey/Pink	Solenoid 11–a	14	11
12	Red/Blue	Solenoid 12–a	14	12
13	White/Green	Common-Ve		–
14	Brown/Green	Solenoid 1–b	12	1
15	White/Yellow	Solenoid 2–b	12	2
16	Yellow/Brown	Solenoid 3–b	12	3
17	White/Grey	Solenoid 4–b	12	4
18	Grey/Brown	Solenoid 5–b	12	5
19	White/Pink	Solenoid 6–b	12	6
20	Pink/Brown	Solenoid 7–b	12	7
21	White/Blue	Solenoid 8–b	12	8
22	Brown/Blue	Solenoid 9–b	12	9
23	White/Red	Solenoid 10–b	12	10
24	Brown/Red	Solenoid 11–b	12	11
25	White/Black	Solenoid 12–b	12	12

Note: Conforms to DIN 47100

D Sub-connector 44 pin 90°
Left handed



Model	A	Short code	kg
V12088-E01	1m	**M4**	0,280
V12088-E03	3m	**M5**	0,680
V12088-E05	5m	**M6**	1,080

Pin no.	Wire colour	Socket	Pilot	Station
1	White	Solenoid 1–a	14	1
2	Brown	Solenoid 2–a	14	2
3	Green	Solenoid 3–a	14	3
4	Yellow	Solenoid 4–a	14	4
5	Grey	Solenoid 5–a	14	5
6	Pink	Solenoid 6–a	14	6
7	Blue	Solenoid 7–a	14	7
8	Red	Solenoid 8–a	14	8
9	Black	Solenoid 9–a	14	9
10	Violet	Solenoid 10–a	14	10
11	Grey/Pink	Solenoid 11–a	14	11
12	Red/Blue	Solenoid 12–a	14	12
13	White/Green	Solenoid 13–a	14	13
14	Brown/Green	Solenoid 14–a	14	14
15	White/Yellow	Solenoid 15–a	14	15
16	Yellow/Brown	Solenoid 1–b	12	1
17	White/Grey	Solenoid 2–b	12	2
18	Grey/Brown	Solenoid 3–b	12	3
19	White/Pink	Solenoid 4–b	12	4
20	Pink/Brown	Solenoid 5–b	12	5
21	White/Blue	Solenoid 6–b	12	6
22	Brown/Blue	Solenoid 7–b	12	7
23	White/Red	Solenoid 8–b	12	8
24	Brown/Red	Solenoid 9–b	12	9
25	White/Black	Solenoid 10–b	12	10
26	Brown/Black	Solenoid 11–b	12	11
27	Grey/Green	Solenoid 12–b	12	12
28	Yellow/Grey	Solenoid 13–b	12	13
29	Pink/Green	Solenoid 14–b	12	14
30	Yellow/Pink	Solenoid 15–b	12	15
31	Green/Blue	Solenoid 16–a	14	16
32	Yellow/Blue	Solenoid 16–b	12	16
33	-	NOT USED	-	-
34	-	NOT USED	-	-
35	-	NOT USED	-	-
36	-	NOT USED	-	-
37	-	NOT USED	-	-
38	-	NOT USED	-	-
39	-	NOT USED	-	-
40	-	NOT USED	-	-
41	-	NOT USED	-	-
42	-	NOT USED	-	-
43	-	NOT USED	-	-
44	Red/Black Yellow/Black	Common -Ve	-	-

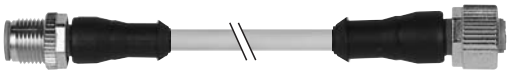
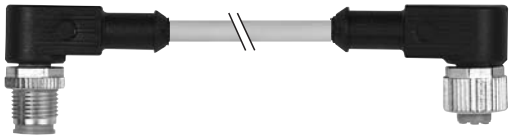
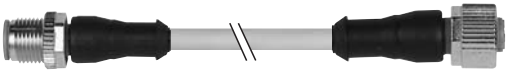
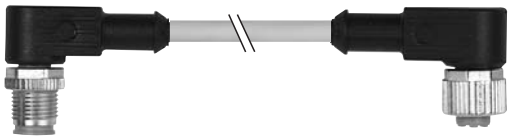
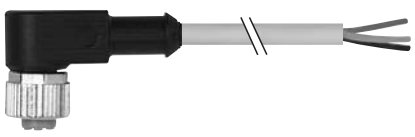
Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specifications given in this document.

Fieldbus accessories

	Model	Description	Connection	Cable length	Short code	Protection class
Fieldbus power connector						
	V11588-E01	DeviceNet (4 pin, female) CANopen (4 pin, female) AB RIO (4 pin, female) Profibus-DP (4 pin, female) Interbus-S (4 pin, female)	M12	Wireable	**R1**	IP65 Required for ATEX
Interlock power connector						
	V11570-E01 V11570-E03 V11570-E05	DeviceNet or CANopen (44 pin, female)	D-Sub	1 m 3 m 5 m	**M1** **M2** **M3**	IP65 Required for ATEX
Communication cable and connector						
	V11589-E01	DeviceNet (5 pin, female) CANopen (5 pin, female) AB RIO (5 pin, female)	M12	Wireable	**R2**	IP65 Required for ATEX
	V11590-E01	Profibus-DP, reverse keyway (5 pin, male)	M12	Wireable	**R3**	IP65 Required for ATEX
	V11591-E01	Profibus-DP, reverse keyway (5 pin female)	M12	Wireable	**R4**	IP65 Required for ATEX
	V11654-E01	Profibus-DP connector (9 pin, male with terminating resistor)	D-Sub	Wireable	**R0**	IP40
	V11592-E01	Profibus - DP terminating resistor (male)	M12	–	**R6**	IP65 Required for ATEX
	VE1ASCN1-M1200	AS-interface power or communications (4 pin, female)	M12	Wireable	**R5**	IP65 Required for ATEX
	VE2FBC9P-9S010 VE2FBC9P-9S030 VE2FBC9P-9S050	Interbus-S (9 pin)	D-Sub	1 m 3 m 5 m	**F21** **F22** **F23**	IP65 Required for ATEX
	VE2FBC9P-00000	Interbus-S (9 pin, male)	D-Sub	Wireable	**F24**	IP65 Required for ATEX
	VE2FBC9S-00000	Interbus-S (9 pin, female)	D-Sub	Wireable	**F25**	IP65 Required for ATEX
	V11340-E03	Interbus-S terminating connector (9 pin male)	D-Sub	–	**R9**	IP65 Required for ATEX

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Fieldbus accessories

	Model	Description	Connection	Cable length	Short code
	FD677UP3SG3S11	Profibus straight	M12	0,3 m	A1
	FD677UP3SG3S13	Profibus straight	M12	1,0 m	A2
	FD677UP3SG3S15	Profibus straight	M12	2,0 m	A3
	FD677UP3AG3A11	Profibus 90°	M12	0,3 m	A1
	FD677UP3AG3A13	Profibus 90°	M12	0,3 m	A1
	FD677UP3AG3A15	Profibus 90°	M12	0,3 m	A1
	FD678UD5SH5S11	DeviceNet/CANopen straight	M12	0,3 m	B1
	FD678UD5SH5S13	DeviceNet/CANopen straight	M12	1,0 m	B2
	FD678UD5SH5S15	DeviceNet/CANopen straight	M12	2,0 m	B3
	FD678UD5AH5A11	DeviceNet/CANopen 90°	M12	0,3 m	B4
	FD678UD5AH5A13	DeviceNet/CANopen 90°	M12	1,0 m	B5
	FD678UD5AH5A15	DeviceNet/CANopen 90°	M12	2,0 m	B6
	FD676U84S74003	Fieldbus power cable	M12 straight to open end	1,0 m	C1
	FD676U84S74006	Fieldbus power cable	M12 straight to open end	2,5 m	C2
	FD676U84S7400B	Fieldbus power cable	M12 straight to open end	5,0 m	C3
	FD676U84A74003	Fieldbus power cable	M12 90° to open end	1,0 m	C4
	FD676U84A74006	Fieldbus power cable	M12 90° to open end	2,5 m	C5
	FD676U84A7400B	Fieldbus power cable	M12 90° to open end	5,0 m	C6

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Short codes for valve island specification

Model	Description	Manual override	Short code
VM156A11AB213B	2 x 3/2 - 2 x NC - Internal feed valve 6 mm PIF	Turn & lock	**NA6T**
VM156A11AB313B	2 x 3/2 - 2 x NC - Internal feed valve 6 mm PIF	Push only	**NA6U**
VM158A11AB213B	2 x 3/2 - 2 x NC - Internal feed valve 8 mm PIF	Turn & lock	**NA8T**
VM158A11AB313B	2 x 3/2 - 2 x NC - Internal feed valve 8 mm PIF	Push only	**NA8U**
VM15YA11AB213B	2 x 3/2 - 2 x NC - Internal feed valve 10 mm PIF	Turn & lock	**NA1T**
VM15YA11AB313B	2 x 3/2 - 2 x NC - Internal feed valve 10 mm PIF	Push only	**NA1U**
VM157A11AB213B	2 x 3/2 - 2 x NC - Internal feed valve Pneumapole	Turn & lock	**NAZT**
VM157A11AB313B	2 x 3/2 - 2 x NC - Internal feed valve Pneumapole	Push only	**NAZU**
VM150A11AB213B	2 x 3/2 - 2 x NC - Internal feed valve no PIF	Turn & lock	**NA0T**
VM150A11AB313B	2 x 3/2 - 2 x NC - Internal feed valve no PIF	Push only	**NA0U**
VM156A22AB213B	2 x 3/2 - 2 x NC - External feed valve 6 mm PIF	Turn & lock	**ND6T**
VM156A22AB313B	2 x 3/2 - 2 x NC - External feed valve 6 mm PIF	Push only	**ND6U**
VM158A22AB213B	2 x 3/2 - 2 x NC - External feed valve 8 mm PIF	Turn & lock	**ND8T**
VM158A22AB313B	2 x 3/2 - 2 x NC - External feed valve 8 mm PIF	Push only	**ND8U**
VM15YA22AB213B	2 x 3/2 - 2 x NC - External feed valve 10 mm PIF	Turn & lock	**ND1T**
VM15YA22AB313B	2 x 3/2 - 2 x NC - External feed valve 10 mm PIF	Push only	**ND1U**
VM157A22AB213B	2 x 3/2 - 2 x NC - External feed valve Pneumapole	Turn & lock	**NDZT**
VM157A22AB313B	2 x 3/2 - 2 x NC - External feed valve Pneumapole	Push only	**NDZU**
VM150A22AB213B	2 x 3/2 - 2 x NC - External feed valve no PIF	Turn & lock	**ND0T**
VM150A22AB313B	2 x 3/2 - 2 x NC - External feed valve no PIF	Push only	**ND0U**
VM156B11AB213B	2 x 3/2 - 2 x NO - Internal feed valve 6 mm PIF	Turn & lock	**NB6T**
VM156B11AB313B	2 x 3/2 - 2 x NO - Internal feed valve 6 mm PIF	Push only	**NB6U**
VM158B11AB213B	2 x 3/2 - 2 x NO - Internal feed valve 8 mm PIF	Turn & lock	**NB8T**
VM158B11AB313B	2 x 3/2 - 2 x NO - Internal feed valve 8 mm PIF	Push only	**NB8U**
VM15YB11AB213B	2 x 3/2 - 2 x NO - Internal feed valve 10 mm PIF	Turn & lock	**NB1T**
VM15YB11AB313B	2 x 3/2 - 2 x NO - Internal feed valve 10 mm PIF	Push only	**NB1U**
VM157B11AB213B	2 x 3/2 - 2 x NO - Internal feed valve Pneumapole	Turn & lock	**NBZT**
VM157B11AB313B	2 x 3/2 - 2 x NO - Internal feed valve Pneumapole	Push only	**NBZU**
VM150B11AB213B	2 x 3/2 - 2 x NO - Internal feed valve no PIF	Turn & lock	**NB0T**
VM150B11AB313B	2 x 3/2 - 2 x NO - Internal feed valve no PIF	Push only	**NB0U**
VM156B22AB213B	2 x 3/2 - 2 x NO - External feed valve 6 mm PIF	Turn & lock	**NE6T**
VM156B22AB313B	2 x 3/2 - 2 x NO - External feed valve 6 mm PIF	Push only	**NE6U**
VM158B22AB213B	2 x 3/2 - 2 x NO - External feed valve 8 mm PIF	Turn & lock	**NE8T**
VM158B22AB313B	2 x 3/2 - 2 x NO - External feed valve 8 mm PIF	Push only	**NE8U**
VM15YB22AB213B	2 x 3/2 - 2 x NO - External feed valve 10 mm PIF	Turn & lock	**NE1T**
VM15YB22AB313B	2 x 3/2 - 2 x NO - External feed valve 10 mm PIF	Push only	**NE1U**
VM157B22AB213B	2 x 3/2 - 2 x NO - External feed valve Pneumapole	Turn & lock	**NEZT**
VM157B22AB313B	2 x 3/2 - 2 x NO - External feed valve Pneumapole	Push only	**NEZU**
VM150B22AB213B	2 x 3/2 - 2 x NO - External feed valve no PIF	Turn & lock	**NE0T**
VM150B22AB313B	2 x 3/2 - 2 x NO - External feed valve no PIF	Push only	**NE0U**

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Short codes for valve island specification

Model	Description	Manual override	Short code
VM156C11AB213B	2 x 3/2 - 1 x NC + 1 x NO - Internal feed valve 6 mm PIF	Turn & lock	**NC6T**
VM156C11AB313B	2 x 3/2 - 1 x NC + 1 x NO - Internal feed valve 6 mm PIF	Push only	**NC6U**
VM158C11AB213B	2 x 3/2 - 1 x NC + 1 x NO - Internal feed valve 8 mm PIF	Turn & lock	**NC8T**
VM158C11AB313B	2 x 3/2 - 1 x NC + 1 x NO - Internal feed valve 8 mm PIF	Push only	**NC8U**
VM15YC11AB213B	2 x 3/2 - 1 x NC + 1 x NO - Internal feed valve 10 mm PIF	Turn & lock	**NC1T**
VM15YC11AB313B	2 x 3/2 - 1 x NC + 1 x NO - Internal feed valve 10 mm PIF	Push only	**NC1U**
VM157C11AB213B	2 x 3/2 - 1 x NC + 1 x NO - Internal feed valve Pneumapole	Turn & lock	**NCZT**
VM157C11AB313B	2 x 3/2 - 1 x NC + 1 x NO - Internal feed valve Pneumapole	Push only	**NCZU**
VM150C11AB213B	2 x 3/2 - 1 x NC + 1 x NO - Internal feed valve no PIF	Turn & lock	**NC0T**
VM150C11AB313B	2 x 3/2 - 1 x NC + 1 x NO - Internal feed valve no PIF	Push only	**NC0U**
VM156C22AB213B	2 x 3/2 - 1 x NC + 1 x NO - External feed valve 6 mm PIF	Turn & lock	**NF6T**
VM156C22AB313B	2 x 3/2 - 1 x NC + 1 x NO - External feed valve 6 mm PIF	Push only	**NF6U**
VM158C22AB213B	2 x 3/2 - 1 x NC + 1 x NO - External feed valve 8 mm PIF	Turn & lock	**NF8T**
VM158C22AB313B	2 x 3/2 - 1 x NC + 1 x NO - External feed valve 8 mm PIF	Push only	**NF8U**
VM15YC22AB213B	2 x 3/2 - 1 x NC + 1 x NO - External feed valve 10 mm PIF	Turn & lock	**NF1T**
VM15YC22AB313B	2 x 3/2 - 1 x NC + 1 x NO - External feed valve 10 mm PIF	Push only	**NF1U**
VM157C22AB213B	2 x 3/2 - 1 x NC + 1 x NO - External feed valve Pneumapole	Turn & lock	**NFZT**
VM157C22AB313B	2 x 3/2 - 1 x NC + 1 x NO - External feed valve Pneumapole	Push only	**NFZU**
VM150C22AB213B	2 x 3/2 - 1 x NC + 1 x NO - External feed valve no PIF	Turn & lock	**NF0T**
VM150C22AB313B	2 x 3/2 - 1 x NC + 1 x NO - External feed valve no PIF	Push only	**NF0U**
VM156517AB213B	5/2 Solenoid Spring - Internal feed valve 6 mm PIF	Turn & lock	**NG6T**
VM156517AB313B	5/2 Solenoid Spring - Internal feed valve 6 mm PIF	Push only	**NG6U**
VM158517AB213B	5/2 Solenoid Spring - Internal feed valve 8 mm PIF	Turn & lock	**NG8T**
VM158517AB313B	5/2 Solenoid Spring - Internal feed valve 8 mm PIF	Push only	**NG8U**
VM15Y517AB213B	5/2 Solenoid Spring - Internal feed valve 10 mm PIF	Turn & lock	**NG1T**
VM15Y517AB313B	5/2 Solenoid Spring - Internal feed valve 10 mm PIF	Push only	**NG1U**
VM157517AB213B	5/2 Solenoid Spring - Internal feed valve Pneumapole	Turn & lock	**NGZT**
VM157517AB313B	5/2 Solenoid Spring - Internal feed valve Pneumapole	Push only	**NGZU**
VM150517AB213B	5/2 Solenoid Spring - Internal feed valve no PIF	Turn & lock	**NG0T**
VM150517AB313B	5/2 Solenoid Spring - Internal feed valve no PIF	Push only	**NG0U**
VM156527AB213B	5/2 Solenoid Spring - External feed valve 6 mm PIF	Turn & lock	**NH6T**
VM156527AB313B	5/2 Solenoid Spring - External feed valve 6 mm PIF	Push only	**NH6U**
VM158527AB213B	5/2 Solenoid Spring - External feed valve 8 mm PIF	Turn & lock	**NH8T**
VM158527AB313B	5/2 Solenoid Spring - External feed valve 8 mm PIF	Push only	**NH8U**
VM15Y527AB213B	5/2 Solenoid Spring - External feed valve 10 mm PIF	Turn & lock	**NH1T**
VM15Y527AB313B	5/2 Solenoid Spring - External feed valve 10 mm PIF	Push only	**NH1U**
VM157527AB213B	5/2 Solenoid Spring - External feed valve Pneumapole	Turn & lock	**NHZT**
VM157527AB313B	5/2 Solenoid Spring - External feed valve Pneumapole	Push only	**NHZU**
VM150527AB213B	5/2 Solenoid Spring - External feed valve no PIF	Turn & lock	**NH0T**
VM150527AB313B	5/2 Solenoid Spring - External feed valve no PIF	Push only	**NH0U**

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Short codes for valve island specification

Model	Description	Manual override	Short code
VM156511AB213B	5/2 Solenoid Solenoid - Internal feed valve 6 mm PIF	Turn & lock	**NJ6T**
VM156511AB313B	5/2 Solenoid Solenoid - Internal feed valve 6 mm PIF	Push only	**NJ6U**
VM158511AB213B	5/2 Solenoid Solenoid - Internal feed valve 8 mm PIF	Turn & lock	**NJ8T**
VM158511AB313B	5/2 Solenoid Solenoid - Internal feed valve 8 mm PIF	Push only	**NJ8U**
VM15Y511AB213B	5/2 Solenoid Solenoid - Internal feed valve 10 mm PIF	Turn & lock	**NJ1T**
VM15Y511AB313B	5/2 Solenoid Solenoid - Internal feed valve 10 mm PIF	Push only	**NJ1U**
VM157511AB213B	5/2 Solenoid Solenoid - Internal feed valve Pneumapole	Turn & lock	**NJZT**
VM157511AB313B	5/2 Solenoid Solenoid - Internal feed valve Pneumapole	Push only	**NJZU**
VM150511AB213B	5/2 Solenoid Solenoid - Internal feed valve no PIF	Turn & lock	**NJ0T**
VM150511AB313B	5/2 Solenoid Solenoid - Internal feed valve no PIF	Push only	**NJ0U**
VM156522AB213B	5/2 Solenoid Solenoid - External feed valve 6 mm PIF	Turn & lock	**NK6T**
VM156522AB313B	5/2 Solenoid Solenoid - External feed valve 6 mm PIF	Push only	**NK6U**
VM158522AB213B	5/2 Solenoid Solenoid - External feed valve 8 mm PIF	Turn & lock	**NK8T**
VM158522AB313B	5/2 Solenoid Solenoid - External feed valve 8 mm PIF	Push only	**NK8U**
VM15Y522AB213B	5/2 Solenoid Solenoid - External feed valve 10 mm PIF	Turn & lock	**NK1T**
VM15Y522AB313B	5/2 Solenoid Solenoid - External feed valve 10 mm PIF	Push only	**NK1U**
VM157522AB213B	5/2 Solenoid Solenoid - External feed valve Pneumapole	Turn & lock	**NKZT**
VM157522AB313B	5/2 Solenoid Solenoid - External feed valve Pneumapole	Push only	**NKZU**
VM150522AB213B	5/2 Solenoid Solenoid - External feed valve no PIF	Turn & lock	**NK0T**
VM150522AB313B	5/2 Solenoid Solenoid - External feed valve no PIF	Push only	**NK0U**
VM156611AB213B	5/3 APB Solenoid Solenoid - Internal feed valve 6 mm PIF	Turn & lock	**NL6T**
VM156611AB313B	5/3 APB Solenoid Solenoid - Internal feed valve 6 mm PIF	Push only	**NL6U**
VM158611AB213B	5/3 APB Solenoid Solenoid - Internal feed valve 8 mm PIF	Turn & lock	**NL8T**
VM158611AB313B	5/3 APB Solenoid Solenoid - Internal feed valve 8 mm PIF	Push only	**NL8U**
VM15Y611AB213B	5/3 APB Solenoid Solenoid - Internal feed valve 10 mm PIF	Turn & lock	**NL1T**
VM15Y611AB313B	5/3 APB Solenoid Solenoid - Internal feed valve 10 mm PIF	Push only	**NL1U**
VM157611AB213B	5/3 APB Solenoid Solenoid - Internal feed valve Pneumapole	Turn & lock	**NLZT**
VM157611AB313B	5/3 APB Solenoid Solenoid - Internal feed valve Pneumapole	Push only	**NLZU**
VM150611AB213B	5/3 APB Solenoid Solenoid - Internal feed valve no PIF	Turn & lock	**NL0T**
VM150611AB313B	5/3 APB Solenoid Solenoid - Internal feed valve no PIF	Push only	**NL0U**
VM156622AB213B	5/3 APB Solenoid Solenoid - External feed valve 6 mm PIF	Turn & lock	**NM6T**
VM156622AB313B	5/3 APB Solenoid Solenoid - External feed valve 6 mm PIF	Push only	**NM6U**
VM158622AB213B	5/3 APB Solenoid Solenoid - External feed valve 8 mm PIF	Turn & lock	**NM8T**
VM158622AB313B	5/3 APB Solenoid Solenoid - External feed valve 8 mm PIF	Push only	**NM8U**
VM15Y622AB213B	5/3 APB Solenoid Solenoid - External feed valve 10 mm PIF	Turn & lock	**NM1T**
VM15Y622AB313B	5/3 APB Solenoid Solenoid - External feed valve 10 mm PIF	Push only	**NM1U**
VM157622AB213B	5/3 APB Solenoid Solenoid - External feed valve Pneumapole	Turn & lock	**NMZT**
VM157622AB313B	5/3 APB Solenoid Solenoid - External feed valve Pneumapole	Push only	**NMZU**
VM150622AB213B	5/3 APB Solenoid Solenoid - External feed valve no PIF	Turn & lock	**NM0T**
VM150622AB313B	5/3 APB Solenoid Solenoid - External feed valve no PIF	Push only	**NM0U**

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Short codes for valve island specification

Model	Description		Short code
VM156517AQ010Z	End plate kit - feed both ends	12 mm	**F200**
VM156517AQ010Y	End plate kit - feed both ends	10 mm	**F100**
VM156517AQ011Z	End plate kit - right blocked	12 mm	**L200**
VM156517AQ011Y	End plate kit - right blocked	10 mm	**L100**
VM156517AQ012Z	End plate kit - left blocked	12 mm	**R200**
VM156517AQ012Y	End plate kit - left blocked	10 mm	**R100**
VM156517AQ0134	End plate kit - feed both ends - Pneumapole	no PIF	**FP00**
VM156517AQ0135	End plate kit - left blocked - Pneumapole	no PIF	**RP00**
VM156517AQ0136	End plate kit - right blocked - Pneumapole	no PIF	**LP00**
VM156517AQ0300	Blank body		**B000**
VM156517AQ0301	Port 1 blanked		**B100**
VM156517AQ0302	Ports 3 & 5 blanked		**B300**
VM156517AQ0303	Ports 1, 3 & 5 blanked		**B500**
VM156517AQ0304	ISEM Feed right		**RM80**
VM156517AQ0305	ISEM Feed left		**LM80**
VM156517AQ0306	ISEM Feed right & left		**FM80**
VM156517AQY604	4 station Pneumapole	Standard	**1B04**
VM156517AQY606	6 station Pneumapole	Standard	**1B06**
VM156517AQY608	8 station Pneumapole	Standard	**1B08**
VM156517AQY610	10 station Pneumapole	Standard	**1B10**
VM156517AQY612	12 station Pneumapole	Standard	**1B12**
VM156517AQY616	16 station Pneumapole	Standard	**1B16**

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Valve island specification

Valve island specification form VIP/ .....

Company name. . . . . Contact name. . . . . .

Address . . . . . Tel no . . . . . .

. . . . . Fax no . . . . . .

. . . . . E-mail . . . . . .

Using the short order codes provided complete the build model below.

One valve island per sheet only

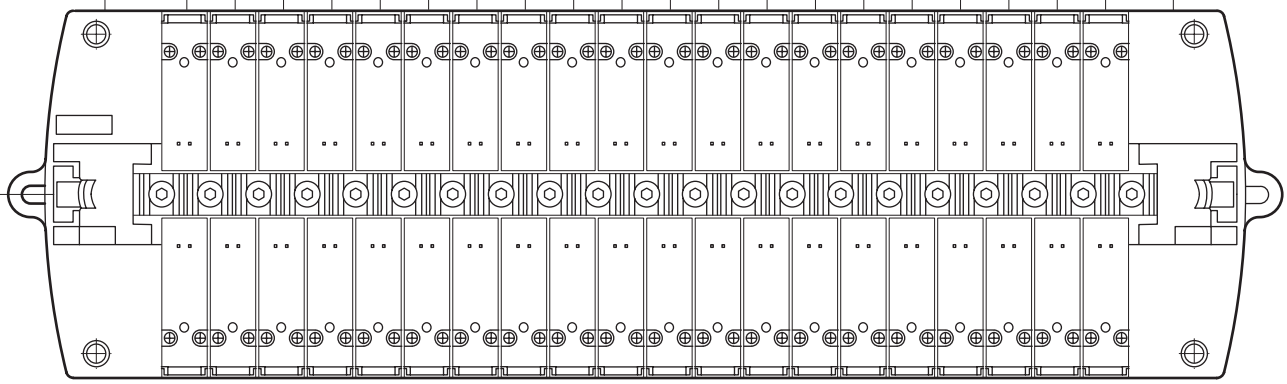
Unit ID No. . . . . . .
Norgren to specify

No. of units required ☐

Valve range: VM15

End plate code ☐

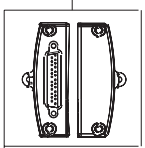
Valve codes



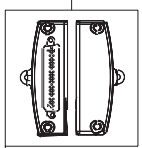
Connection options - select one only



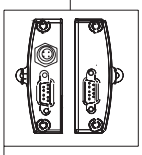
Individually wired 2 to 20 stations (IP40) ☐



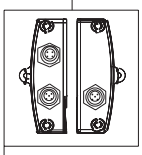
25 pin IP65 D-sub connector 4, 6, 8, 10 & 12 stations ☐



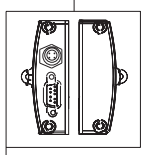
44 pin IP65 D-sub connector 10, 12 & 16 stations ☐



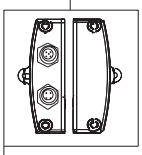
Interbus-S 6, 8, 10, 12 & 16 stations (IP65) ☐



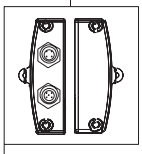
Profibus – DP 6, 8, 10, 12 & 16 stations M12 (IP65) ☐



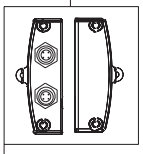
Profibus – DP 6, 8, 10, 12 & 16 stations 9 pin (IP40) ☐



DeviceNet 6, 8, 10, 12 & 16 stations (IP65) ☐



CANopen 6, 8, 10, 12 & 16 stations (IP65) ☐



AS interface 4, 6 & 8 stations (IP65) ☐

Accessories

Short code	Qty per island

Power supply options Select one only

Standard: 24 V d.c. negative common (Multipole & Fieldbus) ☐

Multipole 24 V d.c. positive common ☐

Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specifications given in this document.