

## Fieldbus II VE2 Series



- **Modular system clips together**
- **64 inputs and 64 outputs per node**
- **Distributed configuration option**
- **Interchangeable protocols**
- **Standard Fieldbus Control**
- **Advanced diagnostic features**



### Technical Data

Operating Temperature:  
+0°C to 50°C

Vibration Tests:  
To IEC 68-2-6

Degree of protection:  
IP65

EMC Standards:

Generic emission standard EN50081-2  
Generic immunity standard EN50082-2

Materials:

Main enclosure mouldings  
– glass fibre reinforced polyester (PBT)  
Clips – Acetal Copolymer (POM)

### Ordering Information

To order, complete the System Specification Form on page **6.4.040.15** and fax to your local IMI Norgren office for your free consultation service.

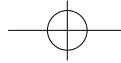


CANopen



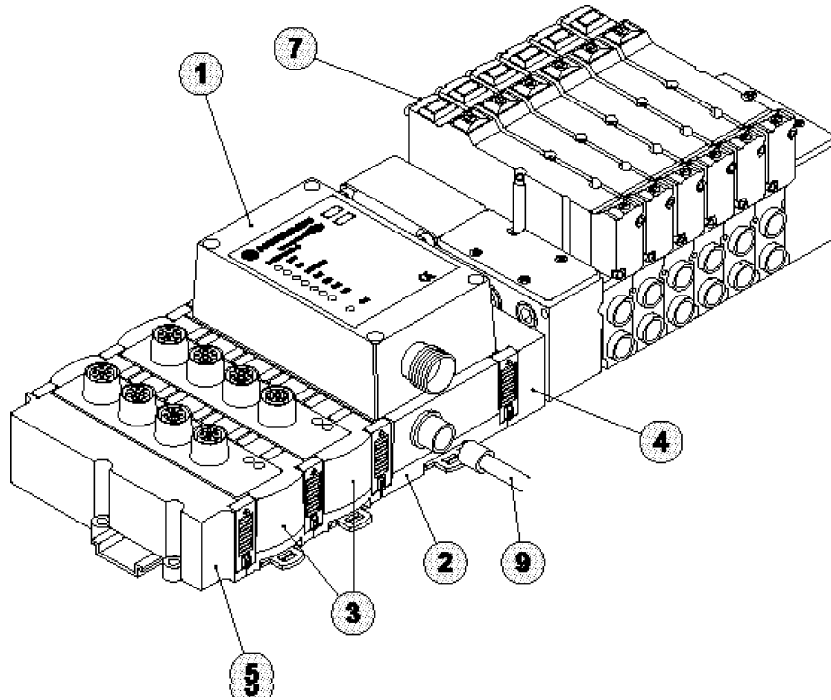
DeviceNet.



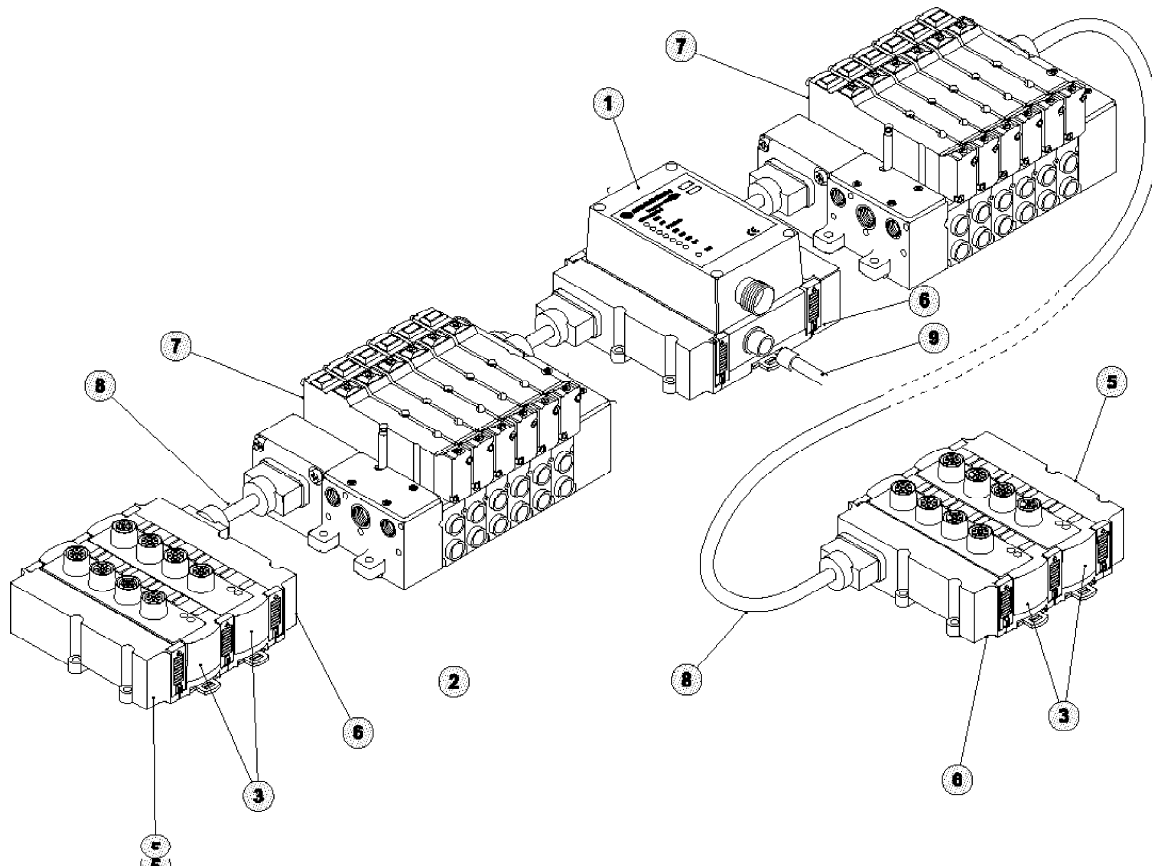


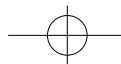
# Fieldbus II VE2 Series

## Centralised Configuration












## Distributed Configuration





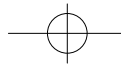
## Key to Illustration

Symbol	Description	Part Number		Short Code
1 	<b>Fieldbus Node</b>			
	Profibus-DP	VE2DPFNB-64640	See data sheet 6.4.040.07	F1
	Profibus-DP D-type Connector	VE2DPFND-64640	See data sheet 6.4.040.07	F1D
	Profibus-DP M12 Connector	VE2DPFNR-64640	See data sheet 6.4.040.07	F1R
	Profibus-DP 2 x M12 Connectors	VE2DPFNT-64640	See data sheet 6.4.040.07	F1T
	Interbus-S	VE2IBFNC-64640	See data sheet 6.4.040.08	F2
	Interbus-S D-type Connector	VE2IBFND-64640	See data sheet 6.4.040.08	F2D
	Devicenet M12 Micro Connector	VE2DNFNB-64640	See data sheet 6.4.040.09	F3
CANOpen M12 Micro Connector	VE2CAFNB-64640	See data sheet 6.4.040.09	F4	
2 	<b>Common Node Sub-base</b>			
	Sub-base Plastic Connector Sub-base Metal Connector	VE2FBSBA-00000 VE2FBSBA-00000M	See data sheet 6.4.040.10	F5 F5M
3 	<b>Input/Output Modules</b>			
	4 outputs	VE2FBOMA-00040	See data sheet 6.4.040.11	F6
	8 outputs	VE2FBOMA-00080		F7
	4 NPN inputs	VE2FBIMF-04000		F8
	8 NPN inputs	VE2FBIMF-08000		F9
	4 PNP inputs	VE2FBIMG-04000		F10
	8 PNP inputs	VE2FBIMG-08000		F11
4 	<b>Valve Island Interface Plates (for Fieldbus Node or Input/Output modules)</b>			
	Left Hand Side	VE2FBVPL-00000	See data sheet 6.4.040.12	F12
	Right Hand Side (shown)	VE2FBVPR-00000		F13
	Additional V20 kit	V10075-K32		F14
5 	<b>End Cover (for Fieldbus Node or Input/Output Modules)</b>			
	Left Hand Side (shown) Right Hand Side	VE2FBECL-00000 VE2FBECR-00000	See data sheet 6.4.040.13	F15 F16
6 	<b>IP65 9-pin Cable Interface Plate (for Fieldbus Node or Input/Output Modules)</b>			
	Left Hand Side (shown) Right Hand Side	VE2FBCPL-00000 VE2FBCPR-00000	See data sheet 6.4.040.14	F17 F18
7 	<b>Valve Island</b>			
	V20 V22		See data sheet 5.4.113 See data sheet 5.4.157	F19 F20
8 	<b>Cable with 9-pin D-type Connectors</b>			
	1 metre length	VE2FBC9P-9S010	See data sheet 6.4.040.16	F21
	3 metre length	VE2FBC9P-9S030		F22
	5 metre length	VE2FBC9P-9S050		F23
	Wireable 9-pin D-type Connector (male)	VE2FBC9P-00000		F24
	Wireable 9-pin D-type Connector (female)	VE2FBC9S-00000		F25
9 	<b>Power Cable and Connector</b>			
	1 metre length	VE2FBCPS-M1810	See data sheet 6.4.040.16	F26
	3 metre length	VE2FBCPS-M1830		F27
	5 metre length	VE2FBCPS-M1850		F28
	Wireable Power Connector (plastic)	VE2FBCPS-M1800		F29
	Wireable Power Connector (metal)	V11156-E02		F29M

## Input and Output Modules

## Technical Specification

Description	4 Inputs NPN	4 Inputs PNP	8 Inputs NPN	8 Inputs PNP	4 Outputs	8 Outputs
<b>Part Number</b>	VE2FBIMF-04000	VE2FBIMG-04000	VE2FBIMF-08000	VE2FBIMG-08000	VE2FBOMA-00040	VE2FBOMA-00080
<b>Connections</b>	4 pin M12 female 1 input/connection	4 pin M12 female 1 input/connection	4 pin M12 female 2 inputs/connection	4 pin M12 female 2 inputs/connection	4 pin M12 female 1 output/connection	4 pin M12 female 2 outputs/connection
<b>Inputs</b>	Supply voltage Input On Input Off Max current load for all inputs Short circuit protected Opto isolated circuits	24V ± 10% 10V-24V/3mA 10V-24V/3mA <1,5mA 750mA Yes Yes	24V ± 10% 10V-24V/3mA 10V-24V/3mA <1,5mA 750mA Yes Yes	24V ± 10% 10V-24V/3mA 10V-24V/3mA <1,5mA 750mA Yes Yes		
<b>Outputs</b>	Output voltage Max current each output Max current all outputs Short circuit protected Opto isolated outputs				24V ± 10% 500mA 750mA Yes Yes	24V ± 10% 500mA 750mA Yes Yes

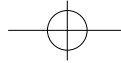


## Fieldbus II VE2 Series

### Accessories

Symbol	Description	Connection Size	Straight/Elbow	Cable Length (Mtrs)	Part Number	Page	
<b>Input M12 connecting plug and cable assemblies for sensors</b>							
	3 pin plug to 3 pin socket	M12/Ø8	Straight/Straight	1	VE1FBC8S-M1210	6.4.040.17	F30
	3 pin plug to 3 pin socket	M12/Ø8	Straight/Straight	3	VE1FBC8S-M1230	6.4.040.17	F31
	3 pin plug to 3 pin socket	M12/Ø8	Straight/Straight	5	VE1FBC8S-M1250	6.4.040.17	F32
	3 pin plug to 3 pin socket	M12/Ø8	Straight/Elbow	1	VE1FBC8E-M1210	6.4.040.17	F33
	3 pin plug to 3 pin socket	M12/Ø8	Straight/Elbow	3	VE1FBC8E-M1230	6.4.040.17	F34
	3 pin plug to 3 pin socket	M12/Ø8	Straight/Elbow	5	VE1FBC8E-M1250	6.4.040.17	F35
	4 pin plug to 4 pin socket	M12/M12	Straight/Straight	1	VE1FBC0S-M1210	6.4.040.17	F36
	4 pin plug to 4 pin socket	M12/M12	Straight/Straight	3	VE1FBC0S-M1230	6.4.040.17	F37
	4 pin plug to 4 pin socket	M12/M12	Straight/Straight	5	VE1FBC0S-M1250	6.4.040.17	F38
	4 pin plug to 2x3 pin socket	M12/Ø8	Straight/Straight	1	VE1FBC8S-M121D	6.4.040.17	F39
	4 pin plug to 2x3 pin socket	M12/Ø8	Straight/Straight	3	VE1FBC8S-M123D	6.4.040.17	F40
	4 pin plug to 2x3 pin socket	M12/Ø8	Straight/Straight	5	VE1FBC8S-M125D	6.4.040.17	F41
	4 pin plug to 2x3 pin socket	M12/Ø8	Straight/Elbow	1	VE1FBC8E-M121D	6.4.040.17	F42
	4 pin plug to 2x3 pin socket	M12/Ø8	Straight/Elbow	3	VE1FBC8E-M123D	6.4.040.17	F43
	4 pin plug to 2x3 pin socket	M12/Ø8	Straight/Elbow	5	VE1FBC8E-M125D	6.4.040.17	F44
	4 pin plug to 2x3 pin socket	M12/M12	Straight/Straight	1	VE1FBC0S-M121D	6.4.040.17	F45
	4 pin plug to 2x3 pin socket	M12/M12	Straight/Straight	3	VE1FBC0S-M123D	6.4.040.17	F46
	4 pin plug to 2x3 pin socket	M12/M12	Straight/Straight	5	VE1FBC0S-M125D	6.4.040.17	F47
<b>Input or Output M12 plug</b>							
	Wireable 5 pin male – screw termination	M12	Straight	-	VE1FBCRS-M125P	6.4.040.18	F48
<b>Output M12 plug and connecting cables for solenoid coils*</b>							
	3 pin plug to valve connection – Type C (15mm coil)	M12	Straight	0,3	VE1FBCSC-M1203	6.4.040.18	F49
	3 pin plug to valve connection – Type C (15mm coil)	M12	Straight	1,0	VE1FBCSC-M1210	6.4.040.18	F50
	3 pin plug to valve connection – Industrial (22mm coil)	M12	Straight	0,3	VE1FBCSB-M1203	6.4.040.18	F51
	3 pin plug to valve connection – Industrial (22mm coil)	M12	Straight	1,0	VE1FBCSB-M1210	6.4.040.18	F52
	3 pin plug to valve connection – Type A (32mm coil)	M12	Straight	0,3	VE1FBCSA-M1203	6.4.040.18	F53
	3 pin plug to valve connection – Type A (32mm coil)	M12	Straight	1,0	VE1FBCSA-M1210	6.4.040.18	F54
	4 pin plug to 2 valve connections – Type C (15mm coil)	M12	Straight	0,3	VE1FBCTC-M1203	6.4.040.18	F55
	4 pin plug to 2 valve connections – Type C (15mm coil)	M12	Straight	1,0	VE1FBCTC-M1210	6.4.040.18	F56
	4 pin plug to 2 valve connections – Industrial (22mm coil)	M12	Straight	0,3	VE1FBCTB-M1203	6.4.040.18	F57
	4 pin plug to 2 valve connections – Industrial (22mm coil)	M12	Straight	1,0	VE1FBCTB-M1210	6.4.040.18	F58
	4 pin plug to 2 valve connections – Type A (32mm coil)	M12	Straight	0,3	VE1FBCTA-M1203	6.4.040.18	F59
	4 pin plug to 2 valve connections – Type A (32mm coil)	M12	Straight	1,0	VE1FBCTA-M1210	6.4.040.18	F60
<b>Wireable communication cable connectors</b>							
	Profibus-DP 12 pin Coninver male	ø22mm	Straight	N/A	VE1DPCRS-CN12P		F61
	Interbus-S 9 pin Coninver female	ø22mm	Straight	N/A	VE1IBCRS-CN09S		F62
	Interbus-S 9 pin Coninver male	ø22mm	Straight	N/A	VE1IBCRS-CN09P		F63
	Micro Connector (DeviceNet, Canopen)	M12	Straight	N/A	VE2DNCRS-CN05S		F64
	Micro Connector (Profibus DP) Female	M12	Straight	N/A	VE2DPCRS-CN05S		F65
	Micro Connector (Profibus DP) Male	M12	Straight	N/A	VE2DPCRS-CN05P		F66
	Micro 'T' Connector (Profibus DP)	M12	Tee	N/A	VE2DPCMT-M1200		F67
	IP65 'D' Connector (Profibus or Interbus) Male	9 Pin	Straight	N/A	VE2FBC9P-00000	6.4.040.16	F24
	IP65 'D' Connector (Profibus or Interbus) Female	9 Pin	Straight	N/A	VE2FBC9S-00000	6.4.040.16	F25

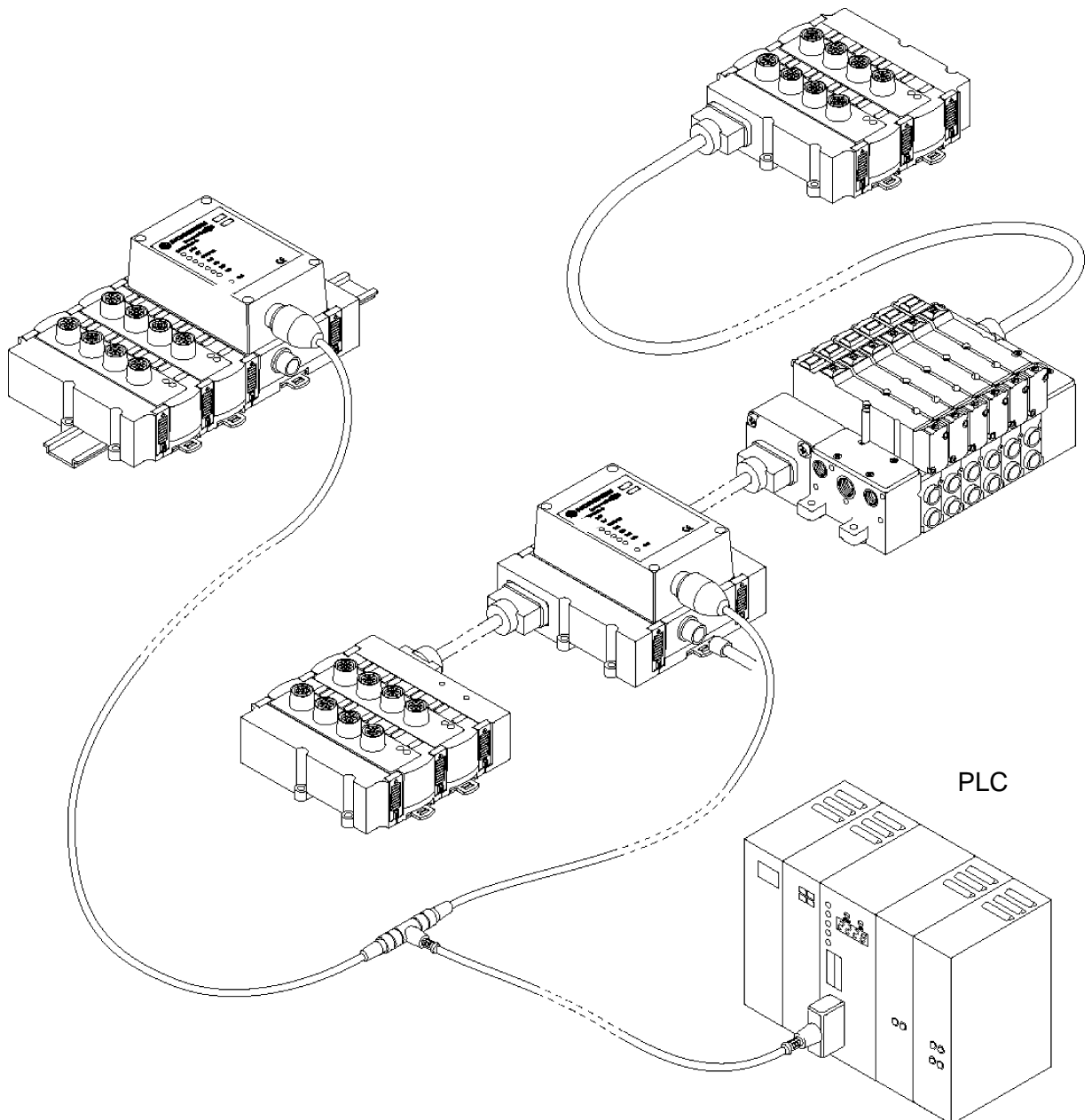
\* Each coil plug has LED and suppression as standard.

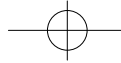


**Network Data**

Protocol	Connector Type(s)	Node Part Number	Communication	Max Baud Rate	Node Details
<b>Standard Products</b>					
Profibus-DP	1xConinver (IP65)	VE2DPFNB-64640	RS485	12Mb/s	6.4.040.00
Interbus-S	2xConinver (IP65)	VE2IBFNC-64640	RS422	500Kb/s	6.4.040.00
Devicenet	1x Micro-Change (IP65)	VE2DNFNB-64640	CAN	500Kb/s	6.4.040.00
CANopen	1xMicro-Change (IP65)	VE2CAFNB-64640	CAN	1Mb/s	6.4.040.00
<b>Alternative Connection Options</b>					
Profibus-DP	1xD-Type (IP65)	VE2DPFND-64640	RS485	12Mb/s	6.4.040.00
Profibus-DP M12 Connector	1 or 2 x M12Type (IP65)	VE2DPFNR-64640	RS485	12Mb/s	6.4.040.00
Interbus-S	2xD-Type (IP65)	VE2IBFNE-64640	RS422	500Kb/s	6.4.040.00

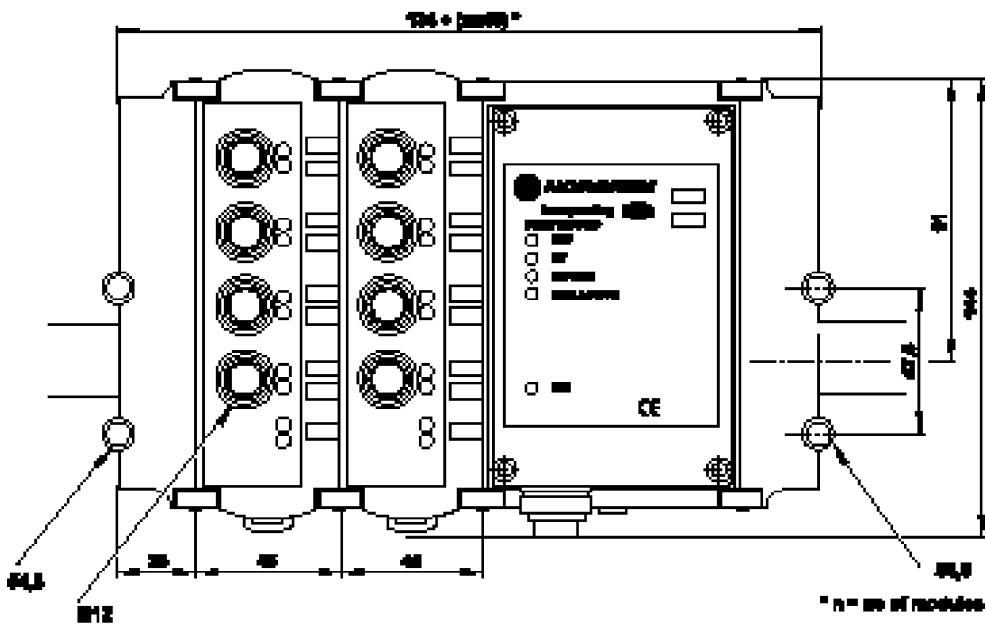
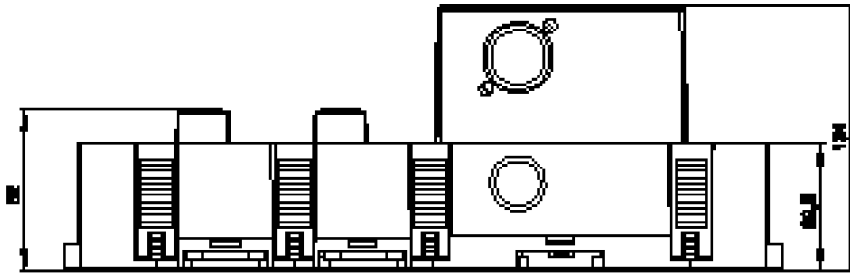
**Typical Distributed System**

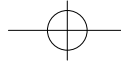




# Fieldbus II VE2 Series

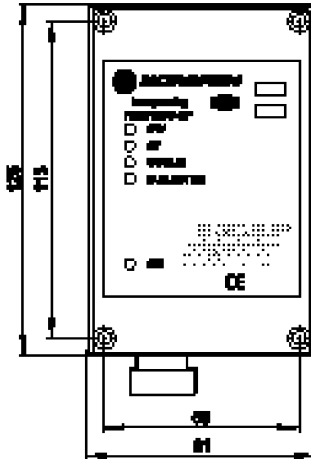
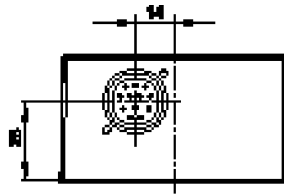
## Assembly Dimensions





**Profibus-DP Fieldbus Node**

Single Coninver Connector (standard)  
VE2DPFNB-64640



Profibus Node Accessories

Wireable 12 pin coninver type connector (IP65)

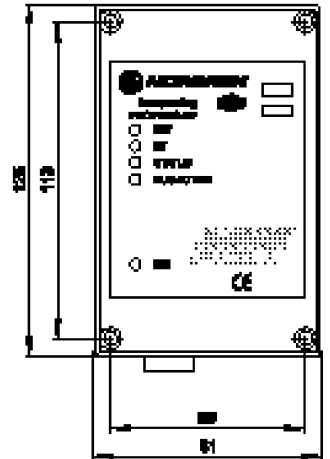
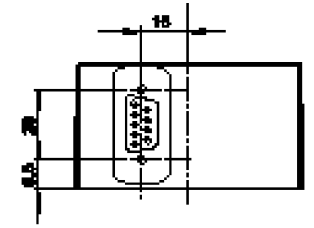
Part Number

VE1DPCRS-CN12P

Male

**Profibus-DP Fieldbus Node**

Single D-Type Connector  
VE2DPFND-64640



Profibus Node Accessories

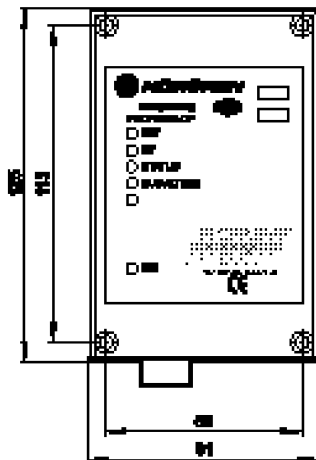
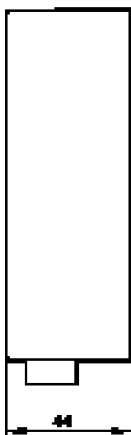
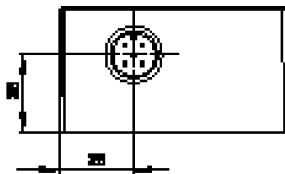
Wireable 9 pin connector (IP65)

Part Number

VE2FBC9P-00000

**Profibus-DP Fieldbus Node**

Single M12 Connector  
VE2DPFNR-64640



Profibus Node Accessories

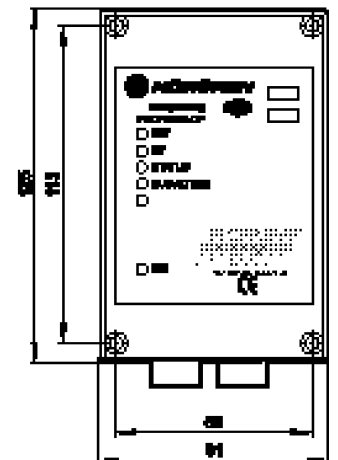
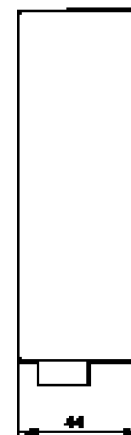
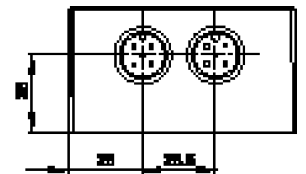
Wireable 12 pin connector (IP65)

Part Number

VE2DPCMT-M1200

**Profibus-DP Fieldbus Node**

Double M12 Connector  
VE2DPFNT-64640



Profibus Node Accessories

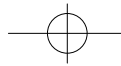
Wireable M12 connectors (IP65)

Part Numbers

VE2DPCRS-CN05P (Male)

VE2DPCRS-CN05S (Female)

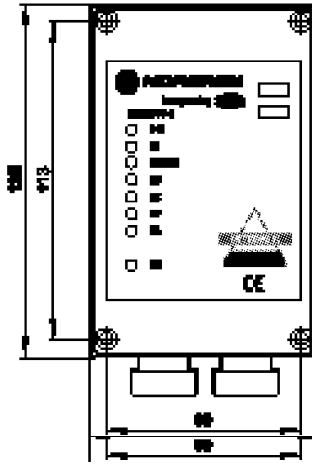
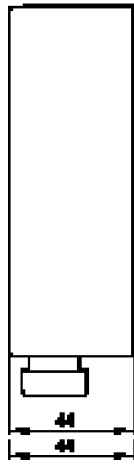
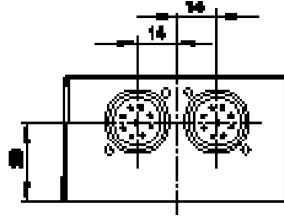




**Fieldbus II VE2 Series**

**Interbus-S Fieldbus Node**

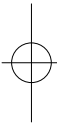
Double Coninver Type Connectors (standard)  
VE2IBFNC-64640



**Interbus-S Node Accessories**

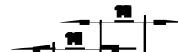
Wireable Interbus-S 9-pin connector (IP65)

Part Number	
VE1IBCRS-CN09P	Male
VE1IBCRS-CN09S	Female



**Interbus-S Fieldbus Node**

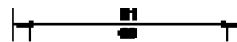
Double D-Type Connectors  
VE2IBFNE-64640



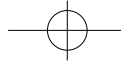
**Interbus-S Node Accessories**

Wireable D-Type IP65 connector

Part Number	
VE2FBC9P-00000	Male
VE2FBC9S-00000	Female





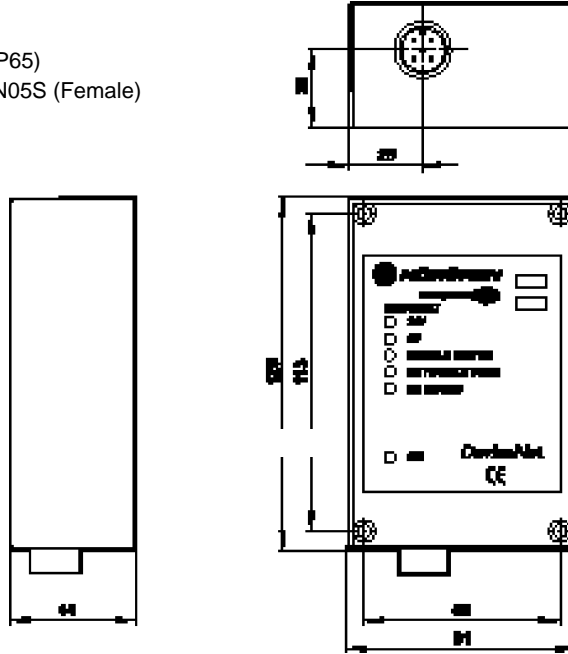


### DeviceNet Fieldbus Node

Single Micro Change Type Connector  
VE2DNFNB-64640

Accessories:

Wireable M12 Connector (IP65)  
Part No: VE2DNCRS-CN05S (Female)

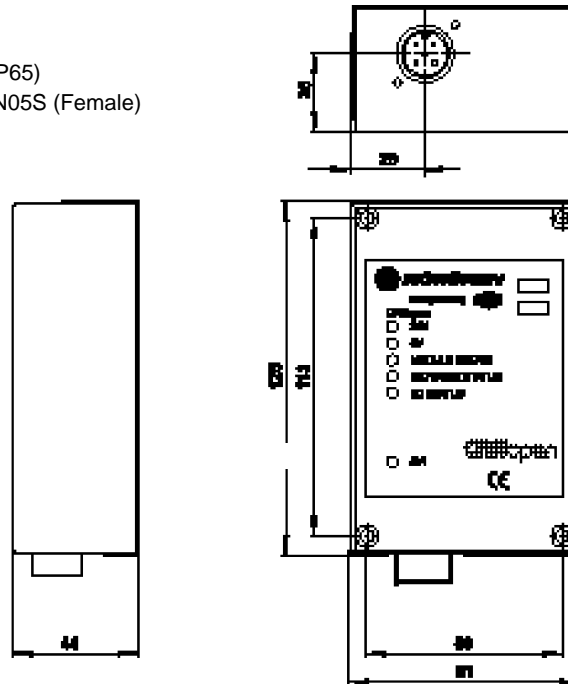


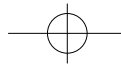
### CANopen Fieldbus Node

Single Micro Change Type Connector  
VE2CAFNB-64640

Accessories:

Wireable M12 Connector (IP65)  
Part No: VE2DNCRS-CN05S (Female)

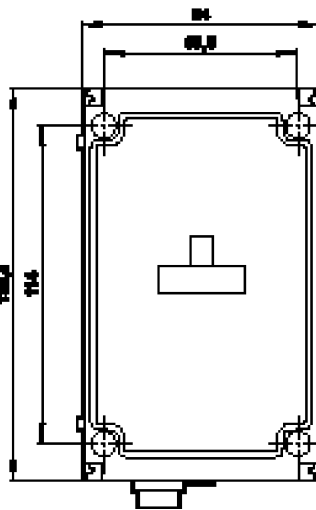
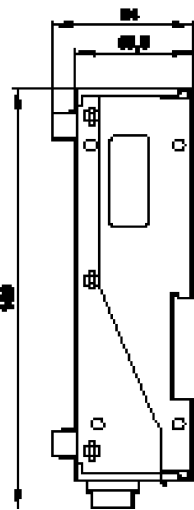
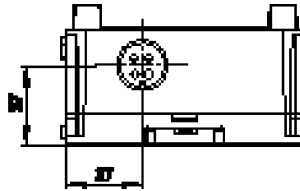
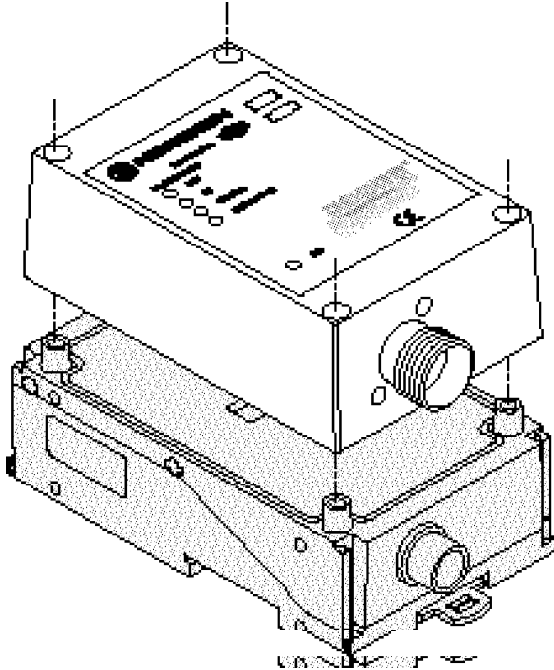




**Fieldbus II VE2 Series**

**Common Node Sub-base**

Plastic Connector - VE2FBSBA-00000  
 Metal Connector - VE2FBSBA-00000M



**Sub-Base Pin Out Detail**

Part Number	
VE2FBSBA-00000	Plastic
VE2FBSBA-00000M	Metal



**Common Node Accessories**

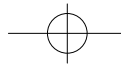
Power cable with 4 pole female connector and hood

Part Number	
VE2FBCPS-M1810	1 metre
VE2FBCPS-M1830	3 metres
VE2FBCPS-M1850	5 metres

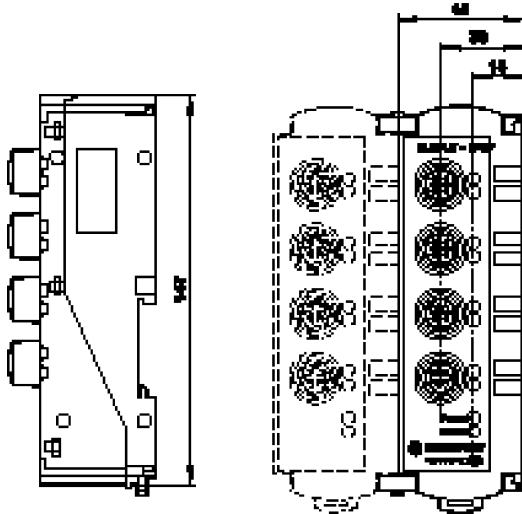
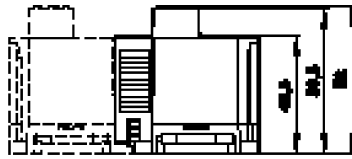
Wireable 4 pole female connector and hood

Part Number	
VE2FBCPS-M1800	Plastic
V11156-E02	Metal





Input and Output Modules



VE2FBIMF-04000 4 Inputs NPN  
 VE2FBIMG-04000 4 Inputs PNP

VE2FBIMF-08000 8 Inputs NPN  
 VE2FBIMG-08000 8 Inputs PNP

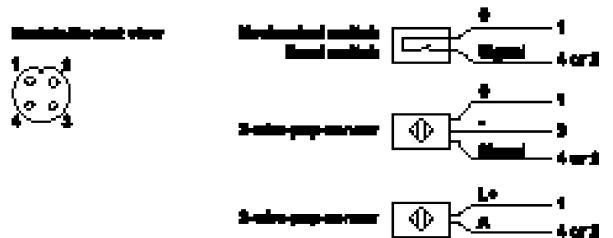
4 Pin input connection

Pin	
1	Sensor supply +
3	Sensor supply -
4	Signal input



4 Pin input connection

Pin	
1	Sensor supply +
3	Sensor supply -
2+4	Signal input



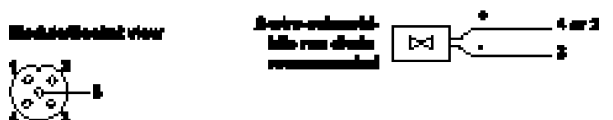
VE2FBOMA-00040 4 Outputs  
 3 Pin output connection

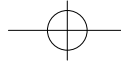
Pin	
4	Switch output +
3	External voltage -



VE2FBOMA-00080 8 Outputs  
 3 Pin output connection

Pin	
2+4	Switch output +
3	External voltage -

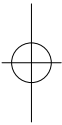




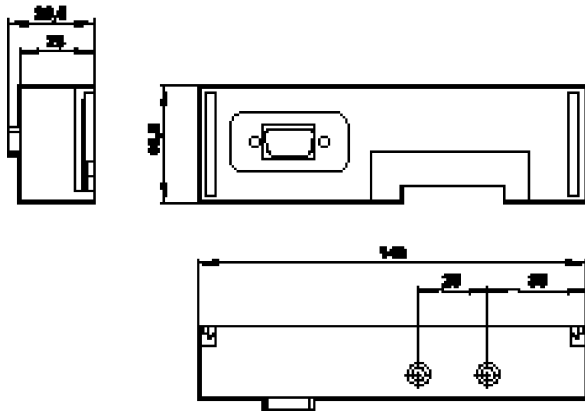
# Fieldbus II VE2 Series

## Valve Island Interface Plate

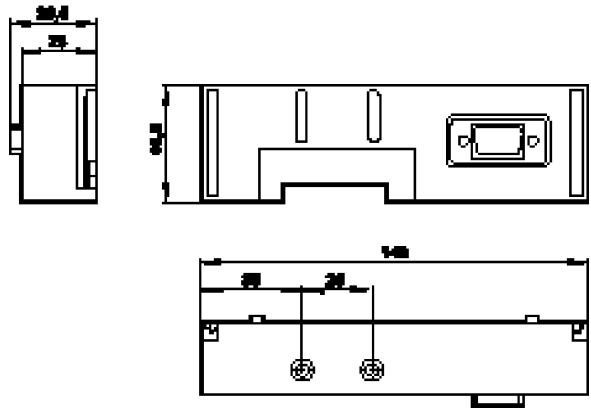
For connection between Common Node Sub-base or Input/Output Module and Valve Island

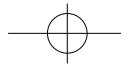


**Left Hand Side (LHS)**  
VE2FBVPL-00000



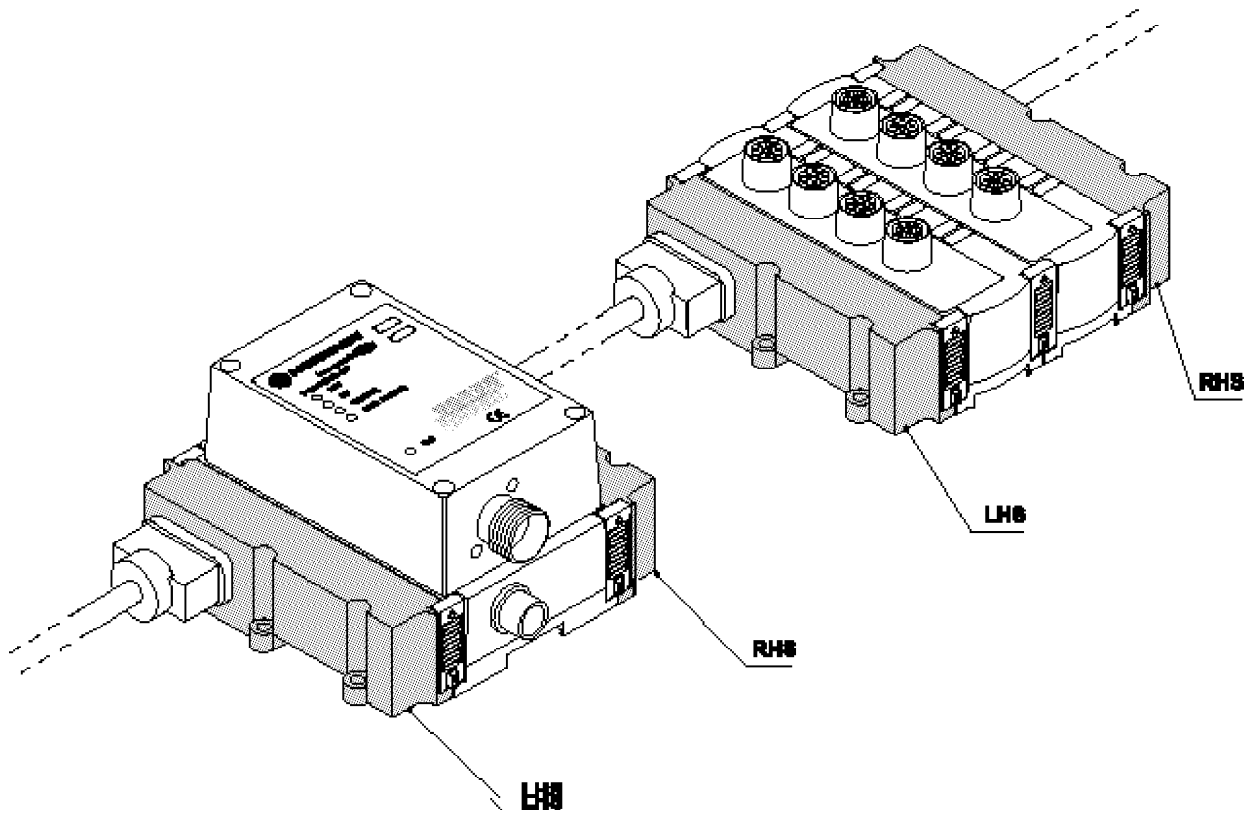
**Right Hand Side (RHS)**  
VE2FBVPR-00000





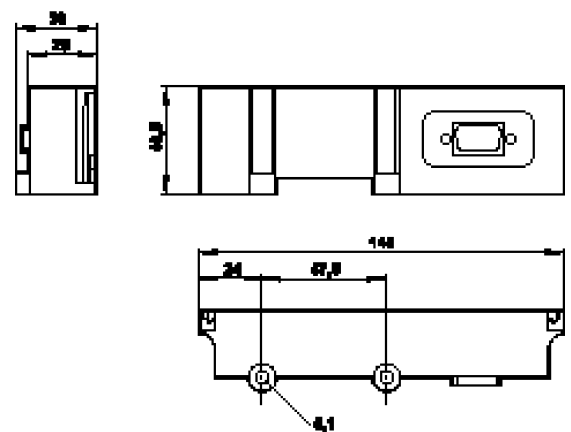
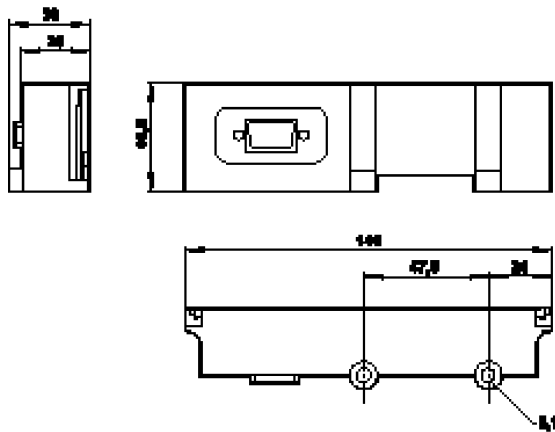
Fieldbus II, VE2 Series

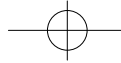
End Covers for Common Node Sub-base and Input/Output Modules



Left Hand Side (LHS)  
VE2FBECL-00000

Right Hand Side (RHS)  
VE2FBECR-00000

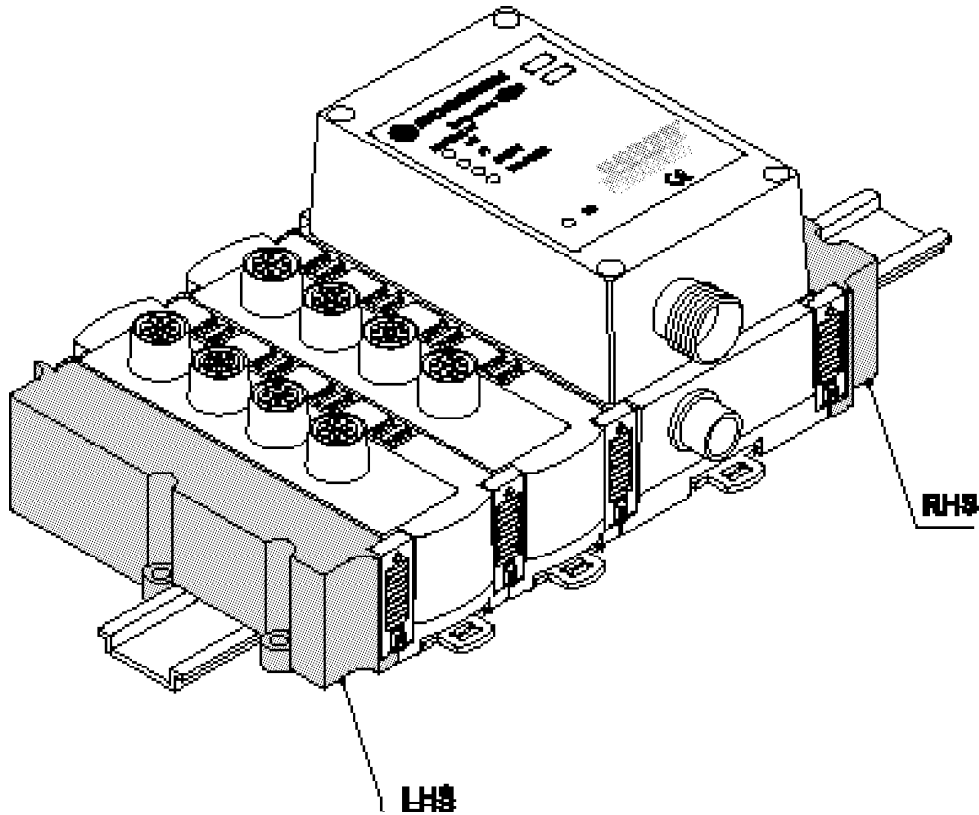




**Fieldbus II VE2 Series**

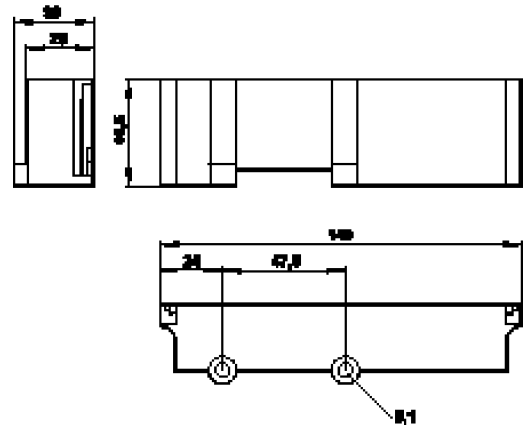
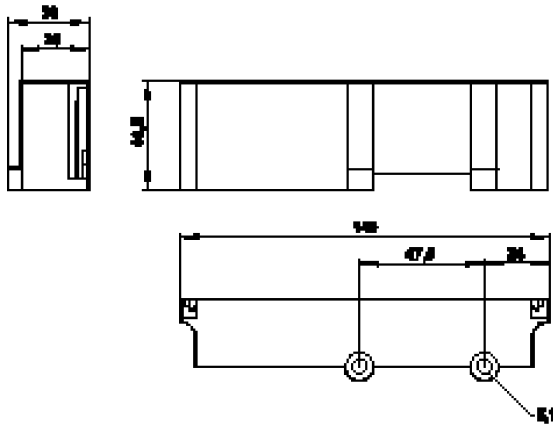
**9-pin Cable Interface Plate**

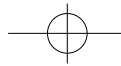
For Common Node Sub-base and Input/Output Modules



**Left Hand Side (LHS)**  
VE2FBCPL-00000

**Right Hand Side (RHS)**  
VE2FBCPR-00000





# Fieldbus specification

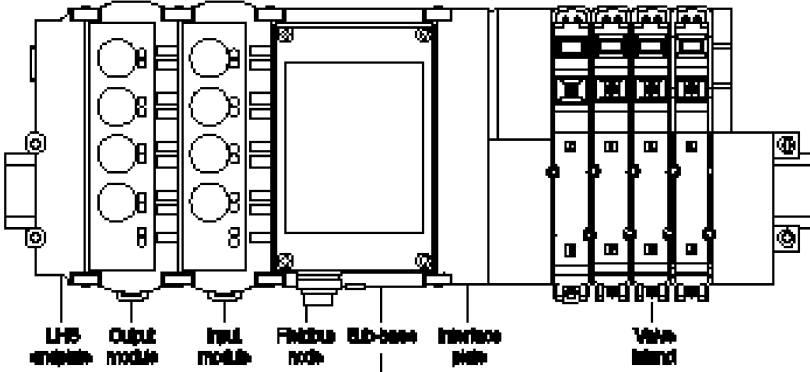
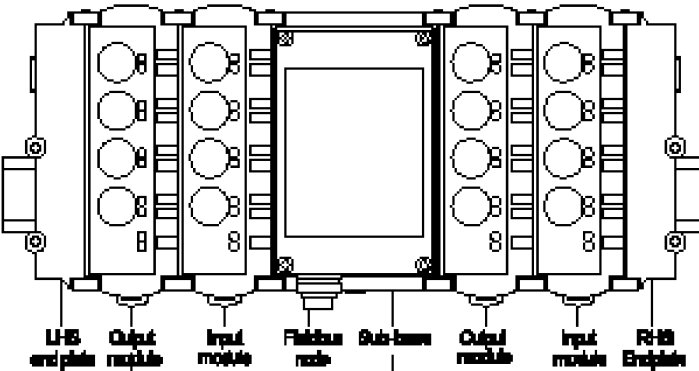
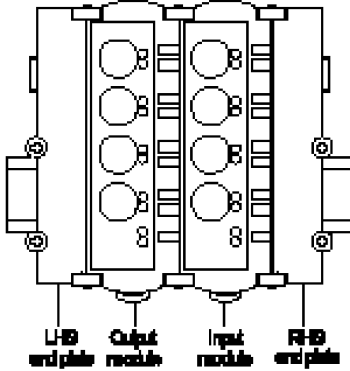
Fieldbus system specification form VEI/.....

Company name..... Contact name.....  
 Address..... Tel no.....  
 ..... Fax no.....  
 ..... E-mail.....

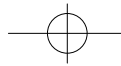
Using the short order codes provided complete the build model below.

One unit per sheet only

Unit ID No.....  
 Norgren to specify

<p><b>Diagnostic features</b>    Yes <input type="checkbox"/>    No <input type="checkbox"/></p> <p><b>Distributed configuration</b>    No. of units required <input type="text"/></p>  <p style="text-align: center;"><b>Code</b> <input type="text"/> <input type="text"/> <input type="text"/> <b>F5</b> <input type="text"/></p> <p style="text-align: center;"><b>No. of units</b> <input type="text"/> <input type="text"/></p> <p style="text-align: right;">Valve Island Specification form VIP/.....</p>	<p><b>Accessories</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:80%;">Code</th> <th style="width:20%;">Quantity</th> </tr> </thead> <tbody> <tr><td>Distributed cables</td><td></td></tr> <tr><td>Powerscopes (1 per node)</td><td></td></tr> <tr><td>Sensor cables</td><td></td></tr> <tr><td>Solenoid cables</td><td></td></tr> <tr><td>Communication connectors</td><td></td></tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> </tbody> </table>	Code	Quantity	Distributed cables		Powerscopes (1 per node)		Sensor cables		Solenoid cables		Communication connectors											
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Solenoid cables																							
Communication connectors																							
<p><b>Distributed configuration</b>    No. of units required <input type="text"/></p> <p><b>Remote inputs and outputs</b>    No. of units required <input type="text"/></p>  <p style="text-align: center;"><b>Code</b> <input type="text"/> <input type="text"/> <input type="text"/> <b>F5</b> <input type="text"/> <input type="text"/></p> <p style="text-align: center;"><b>No. of units</b> <input type="text"/> <input type="text"/></p>  <p style="text-align: center;"><b>Code</b> <input type="text"/> <input type="text"/> <input type="text"/></p> <p style="text-align: center;"><b>No. of units</b> <input type="text"/> <input type="text"/></p>																							





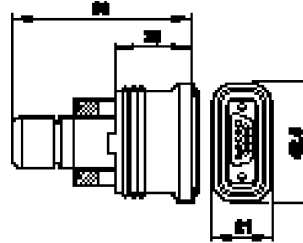
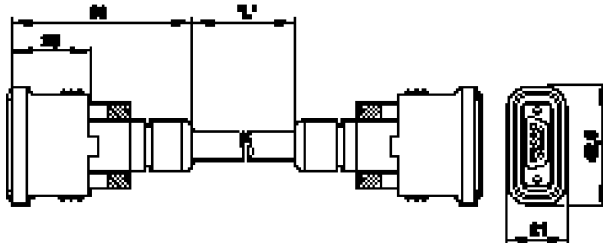
**Distributed Systems**

**Cable with 9-pin D-Type Connectors (IP65)**

- VE2FBC9P-9S010 L = 1 metre
- VE2FBC9P-9S030 L = 3 metres
- VE2FBC9P-9S050 L = 5 metres

**Wireable 9-pin D-Type Connectors (IP65)**

- VE2FBC9P-00000 male
- VE2FBC9S-00000 female



Cable specification:  
 Redden GMD4 CMB5 type/4 25/10/02

Pin No	9 Pin Male D-Type	9 Pin Female D-Type	Colour
1	30 Volt A	30 Volt A	Red & Green
2	0V	0V	White
3	30 Volt B	30 Volt B	White
4	0V	0V	Black
5	0V	0V	Black
6	0V	0V	Black
7	0V	0V	Black
8	0V	0V	Black
9	0V	0V	Black
10	0V	0V	Black
11	0V	0V	Black
12	0V	0V	Black
13	0V	0V	Black
14	0V	0V	Black
15	0V	0V	Black
16	0V	0V	Black
17	0V	0V	Black
18	0V	0V	Black
19	0V	0V	Black
20	0V	0V	Black
21	0V	0V	Black
22	0V	0V	Black
23	0V	0V	Black
24	0V	0V	Black
25	0V	0V	Black
26	0V	0V	Black
27	0V	0V	Black
28	0V	0V	Black
29	0V	0V	Black
30	0V	0V	Black

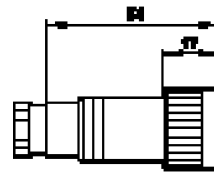
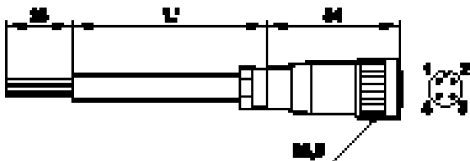
**Power supply cables and connectors (For common node sub-base)**

**Cable and connector assemblies (IP65)**

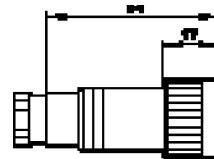
- VE2FBCPS-M1810 L = 1 metre
- VE2FBCPS-M1830 L = 3 metres
- VE2FBCPS-M1850 L = 5 metres

**Wireable Power Supply Connector (IP65)**

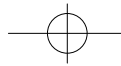
- VE2FBCPS-M1800 - Plastic



- V11156-E02 - Metal







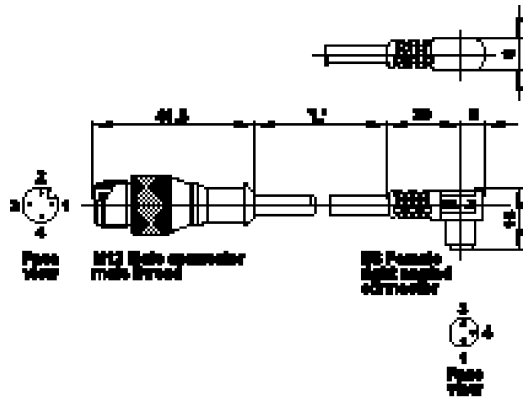
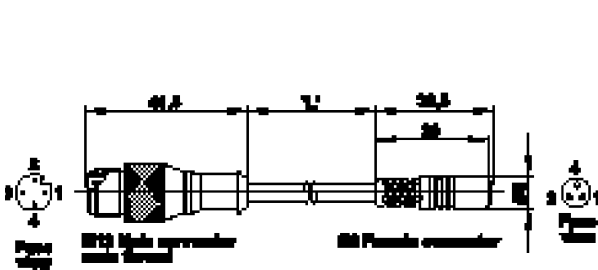
**Input M12 plug and cable assemblies for sensors**

3 pin plug to 3 pin socket – straight connectors

- VE1FBC8S-M1210 L = 1 metre length
- VE1FBC8S-M1230 L = 3 metre length
- VE1FBC8S-M1250 L = 5 metre length

3 pin plug to 3 pin socket

- VE1FBC8E-M1210 L = 1 metre length
- VE1FBC8E-M1230 L = 3 metre length
- VE1FBC8E-M1250 L = 5 metre length



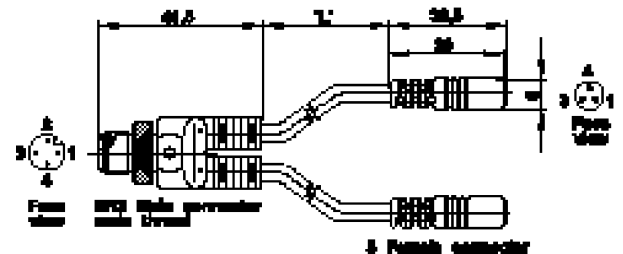
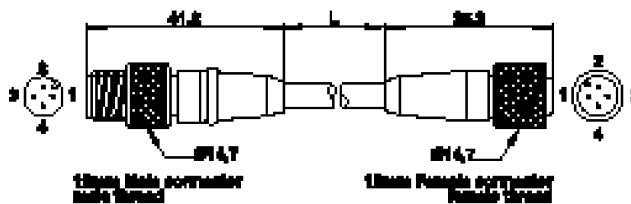
**Input M12 plug and cable assemblies for sensors**

4 pin plug to 4 pin socket straight connector

- VE1FBC0S-M1210 L = 1 metre length
- VE1FBC0S-M1230 L = 3 metre length
- VE1FBC0S-M1250 L = 5 metre length

4 pin plug to 2x3 pin socket straight connector

- VE1FBC8S-M121D L = 1 metre length
- VE1FBC8S-M123D L = 3 metre length
- VE1FBC8S-M125D L = 5 metre length

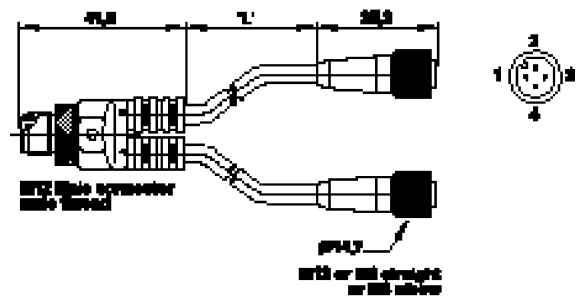
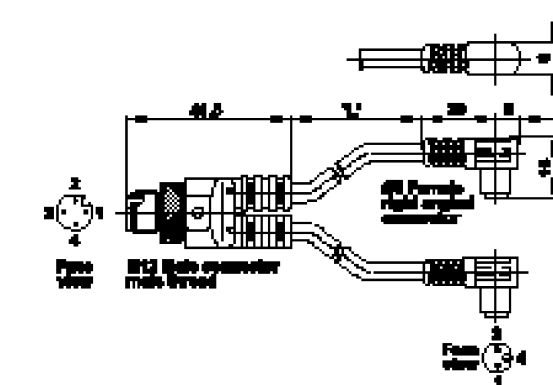


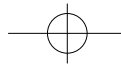
4 pin plug to 2x3 pin socket right angle connector

- VE1FBC8E-M121D L = 1 metre length
- VE1FBC8E-M123D L = 3 metre length
- VE1FBC8E-M125D L = 5 metre length

4 pin plug to 2x3 pin socket straight connector

- VE1FBC0S-M121D L = 1 metre length
- VE1FBC0S-M123D L = 3 metre length
- VE1FBC0S-M125D L = 5 metre length





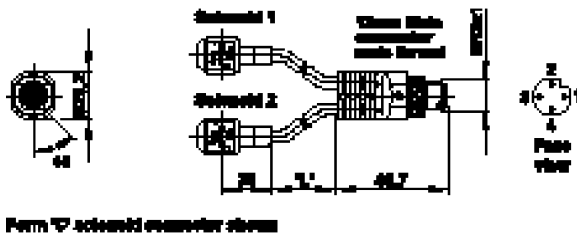
**Input and Output M12 plug and cable assemblies for solenoid coils**

Wireable Input or output 5 pin male plug – screw termination  
 VE1FBCRS-M125P



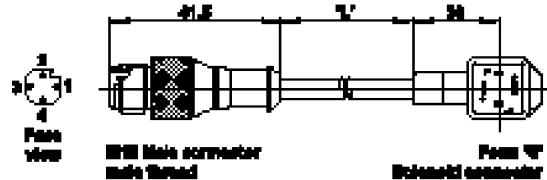
**4 pin plug to 2 valve connections**

- VE1FBCTC-M1203 L = 0,3 cable, Type 'C' connector
- VE1FBCTC-M1210 L = 1m cable, Type 'C' connector
- VE1FBCTB-M1203 L = 0,3 cable, Industrial connector
- VE1FBCTB-M1210 L = 1m cable, Industrial connector
- VE1FBCTA-M1203 L = 0,3 cable, Type 'A' connector
- VE1FBCTA-M1210 L = 1m cable, Type 'A' connector



**3 pin plug to valve connection**

- VE1FBCSC-M1203 L = 0,3 cable, Type 'C' connector
- VE1FBCSC-M1210 L = 1m cable, Type 'C' connector
- VE1FBCSB-M1203 L = 0,3 cable, Industrial connector
- VE1FBCSB-M1210 L = 1m cable, Industrial connector
- VE1FBCSA-M1203 L = 0,3 cable, Type 'A' connector
- VE1FBCSA-M1210 L = 1m cable, Type 'A' connector



Coil plugs are fitted with LED and suppression as standard

**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.

