



Main

Range of product	Modicon ETB
Product or component type	I/O distributed module
Number of input channels	1...16 configurable
Number of output channels	1...16 configurable
Module type	Modbus TCP/IP

Complementary

Input type	Contact
Input logic	Negative Positive
Delay response	2.5 ms
Output current	8 A per output 2 A per module
Output protection type	Against short-circuits
Switching frequency	200 Hz
Short-circuit current	6.5 A
[Us] rated supply voltage	24 V DC
Connector type	M12
Standards	IEC 60529 IEC 60068-2-8

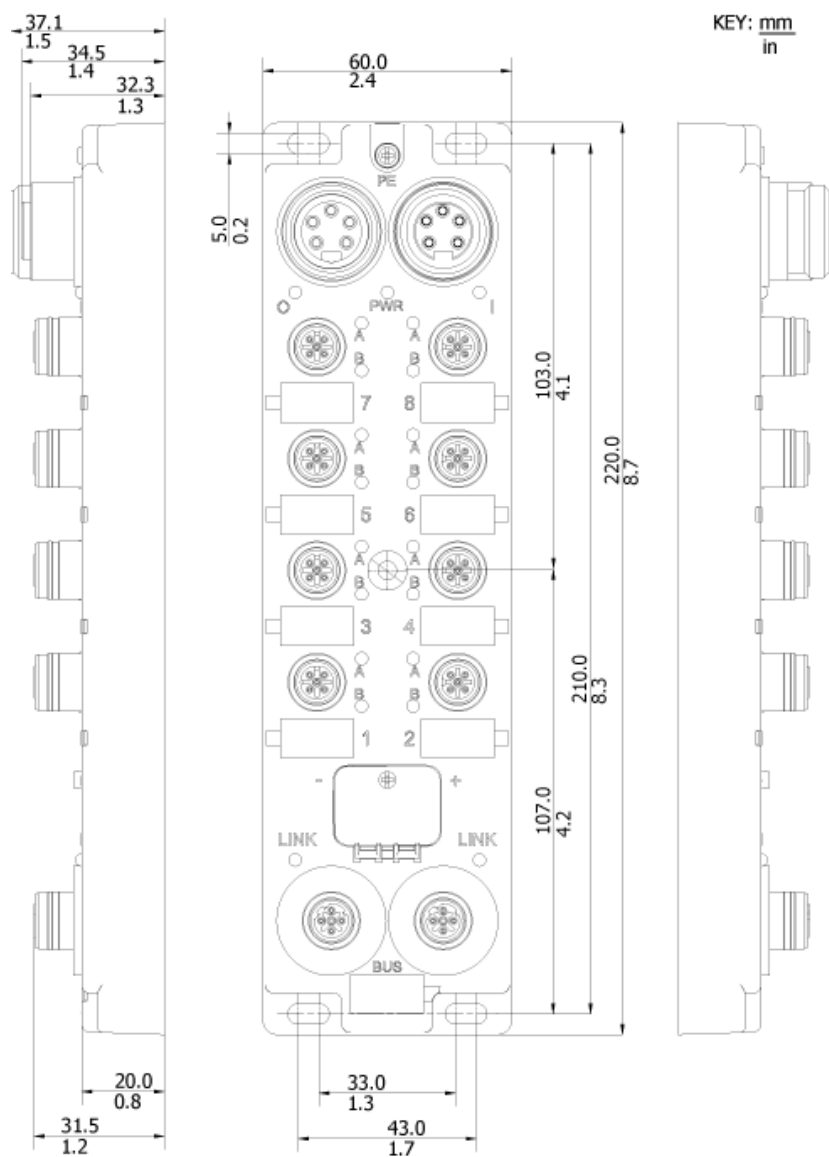
Environment

IP degree of protection	IP67
Ambient air temperature for operation	> -25...70 °C
Ambient air temperature for storage	> -40...85 °C
Vibration resistance	10 gn

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0923 - Schneider Electric declaration of conformity
Product environmental profile	Available

Dimensions

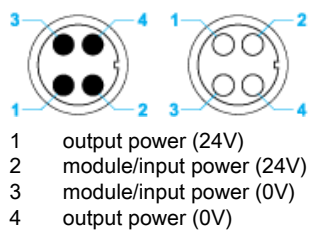


I/O Assignments

Select the number of inputs/outputs according to the product characteristics in order to get the I/O assignment.

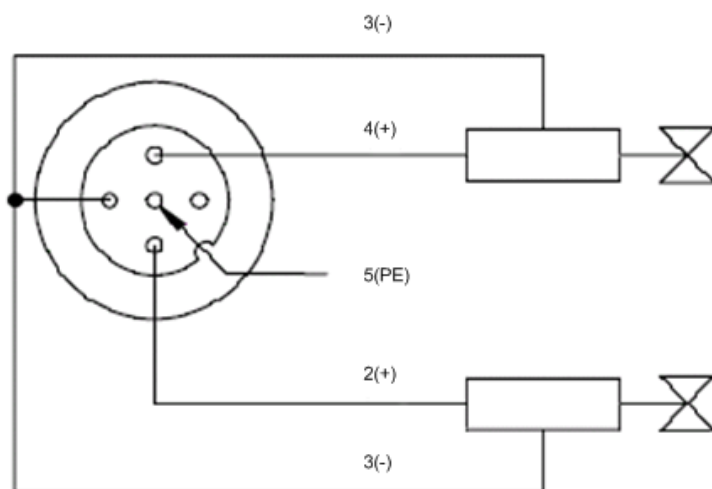
8 In 8 Out	12 In 4 Out	16 In	Point	Connector Number		Connector Number	Point	16 In	12 In 4 Out	8 In 8 Out
Out 6	Out 2	In 14	7B 2	Port 7		Port 8	8B 2	In 16	Out 4	Out 8
Out 5	Out 1	In 13	7A 4				8A 4	In 15	Out 3	Out 7
Out 2	In 10	In 10	5B 2	Port 5		Port 6	6B 2	In 12	In 12	Out 4
Out 1	In 9	In 9	5A 4				6A 4	In 11	In 11	Out 3
In 6	In 6	In 6	3B 2	Port 3		Port 4	4B 2	In 8	In 8	In 8
In 5	In 5	In 5	3A 4				4A 4	In 7	In 7	In 7
In 2	In 2	In 2	1B 2	Port 1		Port 2	2B 2	In 4	In 4	In 4
In 1	In 1	In 1	1A 4				2A 4	In 3	In 3	In 3

Power Connectors



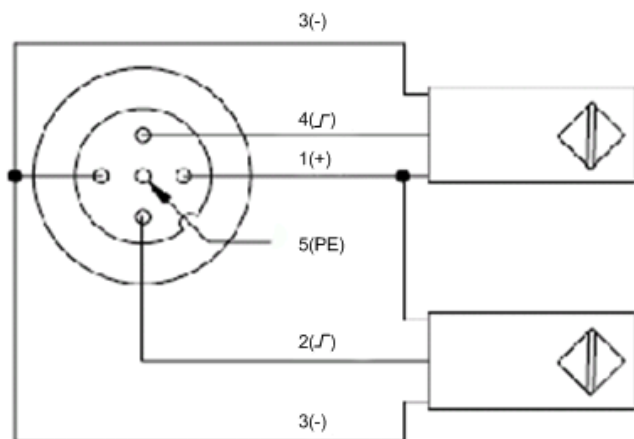
2-Output Port

IEC Wiring Diagram with 2 Actuators



2-Input Port

IEC Wiring Diagram with 2 Sensors



Input/Output Port

IEC Wiring Diagram with 1 Sensor and 1 Actuator

