

Industrial Modem

DM50 SERIES

Cost sensitive M2M with multi-protocol support
cost-effective, designed for applications
an industrial grade Protocol Gateway.



DM50-E1LW-GE0-B7008

Product Family;
DM50

Ethernet Port;
E1: 1 Port
E2: 2 Port

Wireless;
L: 4G/LTE
W: WiFi
LW: 4G/LTE, WiFi

Board Type;
GE0
GE1

Power;
B: 24 V DC

SD Card;
6: No
7: Yes

Isolation;
000: No Isolation
(GE0, GE1)
008: Yes (GE0)
00C: Yes (GE1)

1

Product family selection is made. In **RTU300** product groups, product family communication protocols choices varies accordingly.

2

Communication option is selected.

3

Board type according to I/O and port numbers selection is made.

4

Option selection is made. Power supply, SD card, serial port selections are made here. Option codes, differences according to board type selections shows.

DM50 SERIES

MODEL-COM-BOARD-OPTIONS

COM	ETHERNET	WIRELESS	MINIMUM ORDER QUANTITY
E1L	1	LTE/4G	-
E1W	1	WiFi	-
E1LW	1	LTE/4G, WiFi	-
E2L	2	LTE/4G	-
E2W	2	WiFi	-
E2LW	2	LTE/4G, WiFi	-

MODEL-COM-BOARD-OPTIONS

BOARD	DIN	DOUT	GPS	RS232 (ESD Protection 8kV Contact Direct/ 15 kV Air)	RS485 (ESD Protection 18 kV Contact Direct/ 25 kV Air)	MINIMUM ORDER QUANTITY
	Channel Number	Channel Number	-			
GE0	2	2			2	-
GE1	2	2	1	1	2	-

MODEL-COM-BOARD-OPTIONS

OPTIONS	SUPPORTED BOARD TYPE	POWER	SD CARD	RS232 ISOLATION	RS485 ISOLATION	MINIMUM ORDER QUANTITY
B6000	GE0, GE1	24V DC				-
B6008	GE0	24V DC			✓	-
B600C	GE1	24V DC		✓	✓	-
B7000	GE0, GE1	24V DC	✓			-
B7008	GE0	24V DC	✓		✓	-
B700C	GE1	24V DC	✓	✓	✓	-

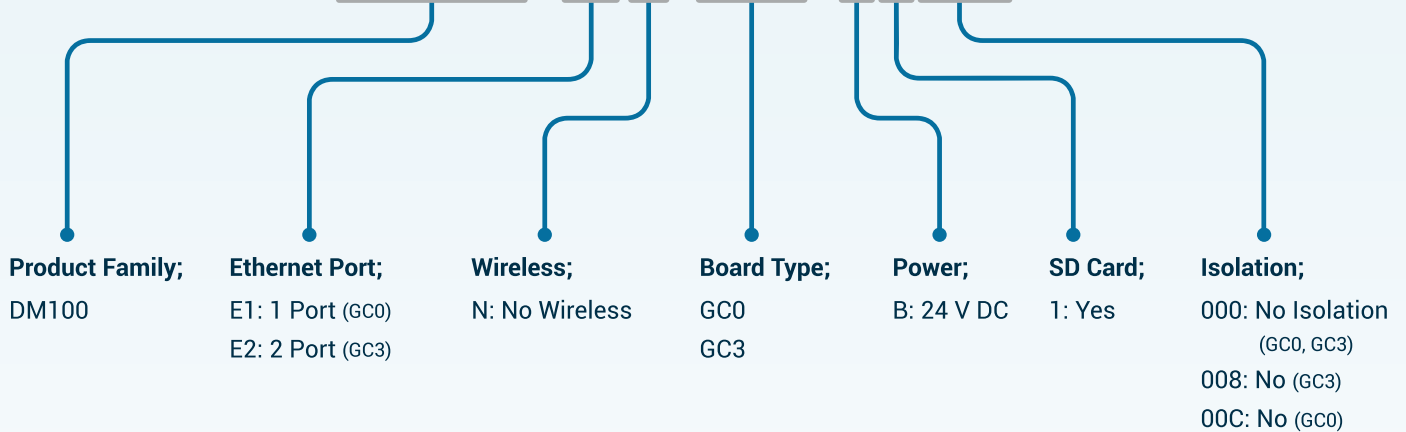
Distributed Control Systems

DM100 SERIES

Mikrodev RTU allows control, data collection and communication even in the most harsh environments.



DM100-E2N-GC3-B1000



1

Communication option is selected.

2

Board type according to I/O and port numbers selection is made.

3

Option selection is made. Power supply, SD card, serial port selections are made here. Option codes, differences according to board type selections shows.

DM100 SERIES

MODEL-COM-BOARD-OPTIONS				
COM	ETHERNET	WIRELESS	SUPPORTED BOARD TYPE	MINIMUM ORDER QUANTITY
E1N	1		GC0	8
E2N	2		GC3	16

MODEL-COM-BOARD-OPTIONS			
BOARD	RS232 (ESD Protection 8kV Contact Direct/ 15 kV Air)	RS485 (ESD Protection 18kV Contact Direct / 25 kV Air)	MINIMUM ORDER QUANTITY
GC0	1	2	8
GC3		2	8

MODEL-COM-BOARD-OPTIONS						
OPTIONS	SUPPORTED BOARD TYPE	POWER	SD CARD	RS232 ISOLATION	RS485 ISOLATION	MINIMUM ORDER QUANTITY
B1000	GC0, GC3	24V DC	✓			8
B1008	GC3	24V DC	✓		✓	16
B100C	GC0	24V DC	✓	✓	✓	16

Remote Terminal Unit

RTU300 SERIES

Mikrodev RTU allows control, data collection and communication even in the most harsh environments.



RTU301-E1L-GA1-B6001

Product Family;

RTU301
RTU310
RTU320
RTU330
RTU340

Ethernet Port;

E1: 1 Port

Wireless;

N: No Wireless
L: 4G/LTE

Board Type;

GA1
GA2
GA4
GA5
GA6
GA7

Power;

B: 24 V DC
C: 48 V DC

SD Card;

6: No
7: Yes

Isolation;

000: No Isolation
(GA5, GA6, GA7)
001 : No Isolation
(GA1, GA2, GA4)
008: Yes (GA7)
009: Yes (GA4)
00C: Yes (GA5, GA6)
00D: Yes (GA1, GA2)

1

Product family selection is made. In **RTU300** product groups, product family communication protocols choices varies accordingly.

2

Communication option is selected.

3

Board type according to I/O and port numbers selection is made.

4

Option selection is made. Power supply, SD card, serial port selections are made here. Option codes, differences according to board type selections shows.

RTU300 SERIES

MODEL-COM-BOARD-OPTIONS

MODEL	MODBUS	MQTT	DNP3	IEC60870-5-101	IEC60870-5-103	IEC60870-5-104	IEC61850
RTU301	✓	✓				✓	
RTU310	✓	✓					
RTU320	✓	✓	✓				
RTU330	✓	✓		✓	✓	✓	
RTU340	✓	✓		✓		✓	✓

MODEL-COM-BOARD-OPTIONS

COM	ETHERNET	WIRELESS	MINIMUM ORDER QUANTITY
E1N	1		8
E1L	1	LTE/4G	8

MODEL-COM-BOARD-OPTIONS

BOARD	DIN	DOUT	RÖLE	AIN	AOUT	R23S2 (ESD Protection 8 kV Contact Direct / 15 kV Air)	RS485 (ESD Protection 18 kV Contact Direct/ 25 kV Air)	MINIMUM ORDER QUANTITY
	Channel Number	Channel Number	Channel Number	Channel Number	Channel Number			
GA1	16	8	4	4	2	1	1	16
GA2	16	8		8		1	2	24
GA4	16	8	4	4	2	0	2	16
GA5	16	8	4			1	1	32
GA6	16	8		4		1	1	8
GA7	16	8		4		0	2	8

MODEL-COM-BOARD-OPTIONS

OPTIONS	SUPPORTED BOARD TYPE	POWER	AIN		AOUT		SD CART	RS232 ISOLATION	RS485 ISOLATION	MINIMUM ORDER QUANTITY
			Resolution	Signal Type	Resolution	Signal Type				
B6000	GA5, GA6, GA7	24V DC	12 Bit	0-20ma (GA6, GA7)						8
B6001	GA1, GA2, GA4	24V DC	16 Bit	0-20ma	12 Bit	0-20ma (GA1, GA4)				8
B6008	GA7	24V DC	12 Bit	0-20ma					✓	24
B6009	GA4	24V DC	16 Bit	0-20ma	12 Bit	0-20ma			✓	24
B600C	GA5, GA6	24V DC	12 Bit	0-20ma (GA6)				✓	✓	24
B600D	GA1, GA2	24V DC	16 Bit	0-20ma	12 Bit	0-20ma (GA1)		✓	✓	24
B7000	GA5, GA6, GA7	24V DC	12 Bit	0-20ma (GA6, GA7)			✓			8
B7001	GA1, GA2, GA4	24V DC	16 Bit	0-20ma	12 Bit	0-20ma (GA1, GA4)	✓			8
B7008	GA7	24V DC	12 Bit	0-20ma			✓		✓	24
B7009	GA4	24V DC	16 Bit	0-20ma	12 Bit	0-20ma	✓		✓	24
B700C	GA5, GA6	24V DC	12 Bit	0-20ma (GA6)			✓	✓	✓	24
B700D	GA1, GA2	24V DC	16 Bit	0-20ma	12 Bit	0-20ma (GA1)	✓	✓	✓	24
C6000	GA5, GA6, GA7	48V DC	12 Bit	0-20ma (GA6, GA7)						24
C6001	GA1, GA2, GA4	48V DC	16 Bit	0-20ma	12 Bit	0-20ma (GA1, GA4)				24
C6008	GA7	48V DC	12 Bit	0-20ma					✓	32
C6009	GA4	48V DC	16 Bit	0-20ma	12 Bit	0-20ma			✓	32
C600C	GA5, GA6	48V DC	12 Bit	0-20ma (GA6)				✓	✓	32
C600D	GA1, GA2	48V DC	16 Bit	0-20ma	12 Bit	0-20ma (GA1)		✓	✓	32
C7000	GA5, GA6, GA7	48V DC	12 Bit	0-20ma (GA6, GA7)			✓			24
C7001	GA1, GA2, GA4	48V DC	16 Bit	0-20ma	12 Bit	0-20ma (GA1, GA4)	✓			24
C7008	GA7	48V DC	12 Bit	0-20ma			✓		✓	32
C7009	GA4	48V DC	16 Bit	0-20ma	12 Bit	0-20ma	✓		✓	32
C700C	GA5, GA6	48V DC	12 Bit	0-20ma (GA6)			✓	✓	✓	32
C700D	GA1, GA2	48V DC	16 Bit	0-20ma	12 Bit	0-20ma (GA1)	✓	✓	✓	32

Micro Level Control Systems

MP110 SERIES

Low cost and Compact Programmable Logic Controller
for entry level automation applications



MP110-E1G-GB0-B6000

Product Family;
MP110

Ethernet Port;
E1: 1 Port

Wireless;
N: No Wireless
G: 2G
L: 4G/LTE

Board Type;
GB0
GB1

Power;
B: 24 V DC

SD Card;
6: No

Isolation;
000: No Isolation (GB1)
009: Yes (GB0)

1

Communication option is selected.

2

Board type according to I/O and port numbers selection is made.

3

Option selection is made.
Power supply, SD card, serial port selections are made here. Option codes, differences according to board type selections shows.

MP110 SERIES

MODEL-COM-BOARD-OPTIONS

COM	ETHERNET	WIRELESS	MINIMUM ORDER QUANTITY
E1N	1		8
E1G	1	2G	8
E1L	1	LTE/4G	8

MODEL-COM-BOARD-OPTIONS

BOARD	DIN	DOUT	AIN	RS485 (ESD Protection 18 kV Contact Direct/ 25 kV Air)	MINIMUM ORDER QUANTITY
	Channel Number	Channel Number	Channel Number		
GB0	4	4	2	1	8
GB1	8	2		1	24

MODEL-COM-BOARD-OPTIONS

OPTIONS	SUPPORTED BOARD TYPE	POWER	AIN		RS485 ISOLATION	MINIMUM ORDER QUANTITY
			Resolution	Signal Type		
B6000	GB1	24V DC	0-20ma	12 Bit		8
B6009	GB0	24V DC	0-20ma	12 Bit	✓	16

Medium & Large Level Control Systems

MP211 SERIES

Reliable and high performance Programmable Logic Controller for medium and high level automation applications.



MP211-E1W-GA1-B6001

Product Family;
MP211

Ethernet Port;
E1: 1 Port

Wireless;
N: No Wireless
G: 2G
L: 4G/LTE
W: WiFi

Board Type;
GA0
GA1
GA3
GA4
GA6
GA7

Power;
B: 24 V DC

SD Card;
6: No
7: Yes

Isolation;
000: No Isolation (GA6, GA7)
001: No Isolation (GA0, GA1, GA3, GA4)
008: Yes (GA7)
009: Yes (GA3, GA4)
00C: Yes (GA6)
00D: Yes (GA0, GA1)

1

Communication option is selected.

2

Board type according to I/O and port numbers selection is made.

3

Option selection is made. Power supply, SD card, serial port selections are made here. Option codes, differences according to board type selections shows.

MP211 SERIES

MODEL-COM-BOARD-OPTIONS

COM	ETHERNET	WIRELESS	MINIMUM ORDER QUANTITY
E1N	1		8
E1G	1	2G	8
E1L	1	LTE/4G	8
E1W	1	WiFi	8

MODEL-COM-BOARD-OPTIONS

BOARD	DIN	DOUT	RÖLE	AIN	AOUT	RTD	RS232 (ESD Protection 8kV Contact Direct/ 15 kV Air)	RS485 (ESD Protection 18 kV Contact Direct/ 25 kV Air)	MINIMUM ORDER QUANTITY
	Channel Number	Channel Number	Channel Number	Channel Number	Channel Number	Channel Number			
GA0	16	8	4	4	2	2	1	1	16
GA1	16	8	4	4	2		1	1	8
GA3	16	8	4	4	2	2		2	16
GA4	16	8	4	4	2			2	8
GA6	16	8		4			1	1	8
GA7	16	8		4				2	8

MODEL-COM-BOARD-OPTIONS

OPTIONS	SUPPORTED BOARD TYPE	POWER	AIN		AOUT		RTD	SD CARD	RS232 ISOLATION	RS485 ISOLATION	MINIMUM ORDER QUANTITY
			Resolution	Signal Type	Resolution	Signal Type	Signal Type				
B6000	GA6, GA7	24V DC	12 Bit	0-20ma							8
B6001	GA0, GA1, GA3, GA4	24V DC	16 Bit	0-20ma	12 Bit	0-20ma	PT1000 (GA0, GA3)				8
B6008	GA7	24V DC	12 Bit	0-20ma						✓	16
B6009	GA3, GA4	24V DC	16 Bit	0-20ma	12 Bit	0-20ma	PT1000 (GA3)			✓	16
B600C	GA6	24V DC	12 Bit	0-20ma					✓	✓	16
B600D	GA0, GA1	24V DC	16 Bit	0-20ma	12 Bit	0-20ma	PT1000 (GA0)		✓	✓	16
B7000	GA6, GA7	24V DC	12 Bit	0-20ma				✓			8
B7001	GA0, GA1, GA3, GA4	24V DC	16 Bit	0-20ma	12 Bit	0-20ma	PT1000 (GA0, GA3)	✓			8
B7008	GA7	24V DC	12 Bit	0-20ma				✓		✓	16
B7009	GA3, GA4	24V DC	16 Bit	0-20ma	12 Bit	0-20ma	PT1000 (GA3)	✓		✓	16
B700C	GA6	24V DC	12 Bit	0-20ma				✓	✓	✓	16
B700D	GA0, GA1	24V DC	16 Bit	0-20ma	12 Bit	0-20ma	PT1000 (GA0)	✓	✓	✓	16

MODBUS Gateway

MBS100 SERIES

Can communicate with MODBUS RTU, MODBUS TCP or remote products Via MODBUS TUNNEL protocols provides access.



MBS100-E0L-GC3-B0000

Product Family;
MBS100

Ethernet Port;
E0: No Port
E1: 1 Port

Wireless;
N: No Wireless (E1)
G: 2G (E0)
L: 4G/LTE (E0)
W: WiFi (E0)

Board Type;
GC2
GC3

Power;
B: 24 V DC

SD Card;
0: No

Isolation;
000: No Isolation (GC2, GC3)
008: Yes (GC3)
00C: Yes (GC2)

1

Communication option is selected.

2

Board type according to I/O and port numbers selection is made.

3

Option selection is made. Power supply, SD card, serial port selections are made here. Option codes, differences according to board type selections shows.

MBS100 SERIES

MODEL-COM-BOARD-OPTIONS

COM	ETHERNET	WIRELESS	MINIMUM ORDER QUANTITY
E1N	1		8
E0G		2G	8
E0L		LTE/4G	8
E0W		WiFi	8

MODEL-COM-BOARD-OPTIONS

BOARD	RS232 (ESD Protection 8kV Contact Direct / 15 kV Air)	RS485 (ESD Protection 18kV Contact Direct / 25 kV Air)	MINIMUM ORDER QUANTITY
GC2	1	1	8
GC3		2	8

MODEL-COM-BOARD-OPTIONS

OPTIONS	SUPPORTED BOARD TYPE	POWER	RS232 ISOLATION	RS485 ISOLATION	MINIMUM ORDER QUANTITY
B0000	GC2, GC3	24V DC			8
B0008	GC3	24V DC		✓	16
B000C	GC2	24V DC	✓	✓	16

DLMS MODBUS Gateway

MDC100 SERIES

Reading the data of electricity meters MODBUS according to OBIS codes writes to the map.



MDC100-E1N-GC2-B0002

Product Family;
MDC100

Ethernet Port;
E0: No Port
E1: 1 Port

Wireless;
N: No Wireless (E1)
G: 2G (E0)
L: 4G/LTE (E0)
W: WiFi (E0)

Board Type;
GC2
GC3

Power;
B: 24 V DC

SD Card;
0: No

Isolation;
0: No Isolation
(GC2, GC3)
2: Yes (GC3)
3: Yes (GC2)

Max. Meters;
02: 2 Meters
08: 8 Meters
16: 16 Meters
32: 32 Meters

1

Communication option is selected.

2

Board type according to I/O and port numbers selection is made.

3

Option selection is made. Power supply, SD card, serial port selections are made here. Option codes, differences according to board type selections shows.

MDC100 SERIES

MODEL-COM-BOARD-OPTIONS			
COM	ETHERNET	WIRELESS	MINIMUM ORDER QUANTITY
E1N	1		8
E0G		2G	8
E0L		LTE/4G	8
E0W		WiFi	8

MODEL-COM-BOARD-OPTIONS			
BOARD	RS232 (ESD Protection 8kV Contact Direct / 15 kV Air)	RS485 (ESD Protection 18kV Contact Direct / 25 kV Air)	MINIMUM ORDER QUANTITY
GC2	1	1	8
GC3		2	8

MODEL-COM-BOARD-OPTIONS					
OPTIONS	SUPPORTED BOARD TYPE	POWER	RS232 ISOLATION	RS485 ISOLATION	MINIMUM ORDER QUANTITY
B0002	GC2, GC3	24V DC		2	8
B0008	GC2, GC3	24V DC		8	8
B0016	GC2, GC3	24V DC		16	8
B0032	GC2, GC3	24V DC		32	8
B0202	GC3	24V DC	✓	2	16
B0208	GC3	24V DC	✓	8	16
B0216	GC3	24V DC	✓	16	16
B0232	GC3	24V DC	✓	32	16
B0302	GC2	24V DC	✓	2	16
B0308	GC2	24V DC	✓	8	16
B0316	GC2	24V DC	✓	16	16
B0332	GC2	24V DC	✓	32	16

M-BUS MODBUS GATEWAY

MMS100 SERIES

M-BUS communicable water meters, Like Calorimeters or Heat Share Gauges devices via MODBUS protocol provides access.



MMS100-E1N-GC1-B0002

Product Family;
MMS100

Ethernet Port;
E0: No Port
E1: 1 Port

Wireless;
N: No Wireless (E1)
G: 2G (E0)
L: 4G/LTE (E0)
W: WiFi (E0)

Board Type;
GC1

Power;
B: 24 V DC

SD Card;
0: No

Isolation;
0: No Isolation
2: Yes

Max. Meters;
02: 2 Meters
08: 8 Meters
16: 16 Meters
32: 32 Meters

1

Communication option is selected.

2

Board type according to I/O and port numbers selection is made.

3

Option selection is made. Power supply, SD card, serial port selections are made here. Option codes, differences according to board type selections shows.

MMS100 SERIES

MODEL-COM-BOARD-OPTIONS

COM	ETHERNET	WIRELESS	MINIMUM ORDER QUANTITY
E1N	1		8
E0G		2G	8
E0L		LTE/4G	8
E0W		WiFi	8

MODEL-COM-BOARD-OPTIONS

BOARD	M-BUS (M-BUS EN1434-3)	RS485 (ESD Protection 18kV Contact Direct / 25 kV Air)	MINIMUM ORDER QUANTITY
GC1	1	1	8

MODEL-COM-BOARD-OPTIONS

OPTIONS	SUPPORTED BOARD TYPE	POWER	RS485 ISOLATION	METERS NUMBER	MINIMUM ORDER QUANTITY
B0002	GC1	24V DC		2	8
B0008	GC1	24V DC		8	8
B0016	GC1	24V DC		16	8
B0032	GC1	24V DC		32	8
B0202	GC1	24V DC	✓	2	16
B0208	GC1	24V DC	✓	8	16
B0216	GC1	24V DC	✓	16	16
B0232	GC1	24V DC	✓	32	16

SERIAL DEVICE SERVER

SC100 SERIES

Connect the serial devices to Internet World.



SC100-E0R-GC2-B0000

Product Family;
SC100

Ethernet Port;
E0: No Port
E1: 1 Port

Wireless;
N: No Wireless (E1)
G: 2G (E0)
L: 4G/LTE (E0)
W: WiFi (E0)
R: RF (E0)

Board Type;
GC2

Power;
B: 24 V DC

SD Card;
0: No

Isolation;
000: No Isolation
00C: Yes

1

Communication option is selected.

2

Board type according to I/O and port numbers selection is made.

3

Option selection is made. Power supply, SD card, serial port selections are made here. Option codes, differences according to board type selections shows.

SC100 SERIES

MODEL-COM-BOARD-OPTIONS			
COM	ETHERNET	WIRELESS	MINIMUM ORDER QUANTITY
E1N	1		8
E0G		2G	8
E0L		LTE/4G	8
E0W		WiFi	8
E0R		RF	16

MODEL-COM-BOARD-OPTIONS			
BOARD	RS232 (ESD Protection 8kV Contact Direct/ 15 kV Air)	RS485 (ESD Protection 18kV Contact Direct / 25 kV Air)	MINIMUM ORDER QUANTITY
GC2	1	1	8

MODEL-COM-BOARD-OPTIONS					
OPTIONS	SUPPORTED BOARD TYPE	POWER	RS232 ISOLATION	RS485 ISOLATION	MINIMUM ORDER QUANTITY
B0000	GC2	24V DC			8
B000C	GC2	24V DC	✓	✓	16

MP110 Expansion Modules

XIO110 SERIES

Mikrodev XIO110 series expansion modules are used together with MP110 PLC series and DM100 Remote Terminal Unit series.



PRODUCT CODE	BOARD	POWER	DIN	DOUT	AIN			AOUT			RTD		DALI	MINIMUM ORDER QUANTITY
			Channel Number	Channel Number	Channel Number	Resolution	Signal Type	Channel Number	Resolution	Signal Type	Channel Number	Signal Type	Channel Number	
XIO110-E0N-GD0-B2000	GD0	24V DC	16											8
XIO110-E0N-GD1-B4000	GD1	24V DC		16										8
XIO110-E0N-GD2-B0401	GD2	24V DC			8	16 Bit	0-20ma/ 0-10V							8
XIO110-E0N-GD3-B0000	GD3	24V DC						8	12 Bit	0-20ma				8
XIO110-E0N-GD3-B0800	GD3	24V DC						8	12 Bit	0-10V				8
XIO110-E0N-GD4-B0000	GD4	24V DC									6	PT1000		8
XIO110-E0N-GD4-B0010	GD4	24V DC									6	PT100		8
XIO110-E0N-GD6-B2000	GD6	24V DC	8											8
XIO110-E0N-GD7-B4000	GD7	24V DC		8										8
XIO110-E0N-GD8-B6000	GD8	24V DC	8	8										8
XIO110-E0N-GD9-B0000	GD9	24V DC			4	12 Bit	0-20ma	4	12 Bit	0-20ma				16
XIO110-E0N-GD9-B0900	GD9	24V DC			4	12 Bit	0-10V	4	12 Bit	0-10V				16
XIO110-E0N-GDA-B0000	GDA	24V DC											1	8

- When determining the minimum order quantity, the highest selection is taken as reference.

MP211 Expansion Modules

XIO211 SERIES

Mikrodev XIO211 serisi genişleme modülleri, MP211 serisi PLC ürünleri ile RTU300 serisi RTU ürünleri için genişleme imkanı sağlar.



PRODUCT CODE	BOARD	POWER	DIN	DOUT	AIN			AOUT			RTD		DALI	MINIMUM ORDER QUANTITY
			Channel Number	Channel Number	Channel Number	Resolution	Signal Type	Channel Number	Resolution	Signal Type	Channel Number	Signal Type	Channel Number	
XIO211-E0N-GD0-B2000	GD0	24V DC	16											8
XIO211-E0N-GD1-B4000	GD1	24V DC		16										8
XIO211-E0N-GD2-B0401	GD2	24V DC			8	16 Bit	0-20ma/ 0-10V							8
XIO211-E0N-GD3-B0000	GD3	24V DC						8	12 Bit	0-20ma				8
XIO211-E0N-GD3-B0800	GD3	24V DC						8	12 Bit	0-10V				8
XIO211-E0N-GD4-B0000	GD4	24V DC									6	PT1000		8
XIO211-E0N-GD4-B0010	GD4	24V DC									6	PT100		8
XIO211-E0N-GD5-B0000	GD5	24V DC											8	8
XIO211-E0N-GD7-B4000	GD7	24V DC		8										16
XIO211-E0N-GD8-B6000	GD8	24V DC	8	8										16
XIO211-E0N-GD9-B0000	GD9	24V DC			4	12 Bit	0-20ma	4	12 Bit	0-20ma				16
XIO211-E0N-GD9-B0900	GD9	24V DC			4	12 Bit	0-10V	4	12 Bit	0-10V				16

- When determining the minimum order quantity, the highest selection is taken as reference.