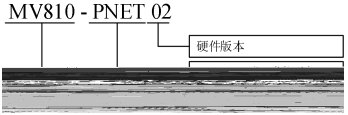
MV800 PROFINET

R33011095
V00

1

1.1



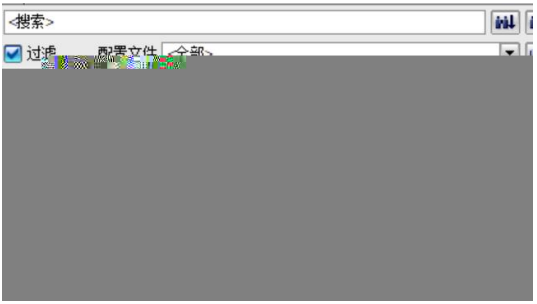
1.2

MV810-PNET02 MV800

1.2.1

1 PZD
2 PKW
3 100Mbps
4
5 PZD

PZD



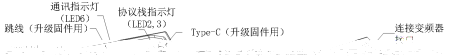
1.2.2

PROFINET		RJ45
		CAT6
		500VDC
		MV810-PNET02
	GSDML	GSDML-V2.32-MEGMEET-MV800-20230830.xml
		100Mbps
		3.3VDC
		500VDC
		1W
		25g
		ESD(IEC 61800-5-1,IEC 6100-4-2) EFT(IEC 61800-5-1,IEC 6100-4-4) Surge Test(IEC 61800-5-1,IEC 6100-4-5) Conducted Susceptibility Test(IEC 61800-5-1,IEC6100-4-6)
	/	-10 50 90% -25 70 95%
	/	IEC61131-2,IEC68-2-6(TEST FC)/IEC61131-2&IEC 68-2-27(TEST Ea)

1.3

1.3.1

MV810-PNET02



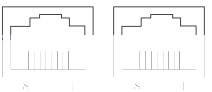
1

RJ45

1.3.2

MV810-PNET02 PROFINET

1	TX+	Transmit Data+(+)
2	TX-	Transmit Data-(-)
3	RX+	Receive Data+(+)
4	N/C	



5	N/C	
6	RX-	Receive Data-(-)
7	N/C	
8	N/C	

1.3.3 LED

MV810-PNET02 3 LED LED4 5 PCB LED1 POWER LED6 2 3 LED LED

LED1 LED6 :

LED			
LED1		PN	
		PN	PN
LED6		PN	PN
		PN	

LED			
LED2			PROFINET /
			/ PROFINET
LED3			TPS-1
			TPS-1 CPU
			TPS-1
LED4			PROFINET
			PROFINET
LED5			
			PROFINET IO
			PROFINET IO PROFINET IO

LED

LED		

2

2.1

MV810-PNET02	75*60*24mm	
	A4*1	

2.2

MV810-PNET02

2.2.1 PN

MV810 PN

2 B

2.2.2 PN

MV810 PN

3

2.2.3 PN

PN

1

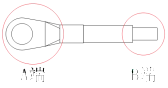
4 a

2 4 b

3 PN PN

4 c 4 d

4 4 e



5

B

1-1 A

B PE

6 1-2 6

1-1

				± 10%
MV810-PNET02	M2.0	0.5 1.5mm²/ 28 16AWG	5 6mm	2kg-cm/(1.7lb.in)/ (0.2N*m)

1-2

		± 10%
B	M3	7kg-cm/(6.08lb-in)/(0.68Nm)
C	M4	15kg-cm/(13.0lb-in)/(1.47Nm)
D		

3 PN

MV810-PNET02 PN

	Byte0	PN PN 485 485 PN Byte0 485
	Byte1	Byte1 PN P15.02 Byte0 485 Byte1
PKW1	Byte2	0x03 0x06 EEPROM 0x07 EEPROM Byte2 Byte3
	Byte3	Byte2 0 Byte3 0x03 0x06 0x07 0x80+
PKW2	Byte4	Byte4 Byte5
	Byte5	Byte4 Byte5
PKW3	Byte6	PKW3 1

<table>
<tr><td></td><td>Byte7</td><td>Byte6 Byte7

Byte6 0

Byte7 0</td></tr>
<tr><td rowspan="2">PZD1</td><td>Byte8</td><td>Bit0 0 1
Bit1 0 1
Bit2 0 1
Bit3 0 1
Bit4 0 1
Bit5 0 1
Bit6 0 1
Bit7 0 1
Byte8
Byte9</td></tr>
<tr><td>Byte9</td><td>Bit0 0 1
Bit1 0 1
Bit2 0 1
Bit3 0 1
Bit4 0 1
Bit5 0 1
Bit6 0 1 1 2
Bit7 0 1
Bit8 0 1
Bit9 Bit10 0 1 2
Byte8
Byte9</td></tr>
<tr><td rowspan="2">PZD2</td><td>Byte10</td><td rowspan="15">PZD2 PZD12 11
P43.02 P43.23 P43.02 P43.12
P43.13 P43.23
<table><tr><td>P43.02</td><td>PZD2</td><td>0
1 0.00 P02.10
2 0.0 300.0%</td></tr><tr><td>P43.03</td><td>PZD3</td><td>3
0.0 300.0%</td></tr><tr><td>P43.04</td><td>PZD4</td><td>4 -300.0 300.0%</td></tr><tr><td>P43.05</td><td>PZD5</td><td>5 0.00 P02.10</td></tr><tr><td>P43.06</td><td>PZD6</td><td>6 0.00 P02.10</td></tr><tr><td>P43.07</td><td>PZD7</td><td>7 VF 0 1000</td></tr><tr><td>P43.08</td><td>PZD8</td><td>8
0 0xFF DI8 DI1</td></tr><tr><td>P43.09</td><td>PZD9</td><td>9
39 0 0xF RO
DO3 DO2 DO1</td></tr></table></td></tr>
<tr><td>Byte11</td></tr>
<tr><td rowspan="2">PZD3</td><td>Byte12</td></tr>
<tr><td>Byte13</td></tr>
<tr><td rowspan="2">PZD4</td><td>Byte14</td></tr>
<tr><td>Byte15</td></tr>
<tr><td rowspan="2">PZD5</td><td>Byte16</td></tr>
<tr><td>Byte17</td></tr>
<tr><td rowspan="2">PZD6</td><td>Byte18</td></tr>
<tr><td>Byte19</td></tr>
<tr><td rowspan="2">PZD7</td><td>Byte20</td></tr>
<tr><td>Byte21</td></tr>
<tr><td rowspan="2">PZD8</td><td>Byte22</td></tr>
<tr><td>Byte23</td></tr>
<tr><td rowspan="2">PZD9</td><td>Byte24</td></tr>
<tr><td>Byte25</td></tr>
<tr><td rowspan="2">PZD10</td><td>Byte26</td></tr>
<tr><td>Byte27</td></tr>
</table>

PZD11	Byte28	P43.10	PZD10	10 AO1 0 100.0% 11 HDO1 0 100.0% 12 HDO2 0 100.0% 13 PID 0.0 100.0% 14 PID 0.0 100.0% 15 30
	Byte29	P43.11	PZD11	
PZD12	Byte30	P43.12	PZD12	
		P43.13	PZD2	0 1 0.01Hz 2 0.01Hz 3 0.01Hz 4 1V 5 0.1A 6 0.1V 7 0.1% 8 0.1% 9 0.1A 10 0.1A 11 0 0xFFFF 12 0 46 13 DI1 DI4 0 0xFFFF 14 DI5 DI8 15 0 0xF 16 AI1 0 10.00V 17 AI2 -10.00V 10.00V 18 HDI 0 50.000kHz 19 AO 0 100.0% 20 HDO1 0 50.000kHz 21 HDO2 0 50.000kHz 22 PID -100.0% 100.0% 23 PID -100.0% 100.0% 24 PID -100.0% 100.0% 25 PID -100.0% 100.0% 26 30
	Byte31	P43.14	PZD3	
		P43.15	PZD4	
		P43.16	PZD5	
		P43.17	PZD6	
		P43.18	PZD7	
		P43.19	PZD8	
		P43.20	PZD9	
		P43.21	PZD10	
		P43.22	PZD11	
		P43.23	PZD12	
		Byte10		Byte11 Byte

4 PN

PN

PN

PN PN

P02.02=2 P02.03=3 PN

P02.05=8 PN P15.00 =0 PN 485

P40.01=3.0s

P43.01=1 0 1 1

P43.02 P43.12

P43.13 P43.23

PN 485 PN

PN 485

33bytes

485

1 485

P02.02=2 P02.03=3 PN

P02.05=8 PN P15.00 =1 PN 485

P15.02 485 P40.00=1 PN 485

P40.01=3.0s

P43.01=1

P43.02 P43.12

P43.13 P43.23

2 485

P02.02=2 P02.03=3 PN

P02.05=8 PN P15.00 =1 PN 485

P15.02 485 P40.00=0 PN 485

P40.01=3.0s

P43.01=1 P43.02 P43.12

P43.13 P43.23

PN-485 200k 5ms

50ms PN

5

518057

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