# LORE0201 Pempek OBP Apitech Solenoid Module Type B

The LORE Pempek OBP Mining PLC Solenoid Driver Module provides PWM - controlled proportional outputs in a compact, robust form factor that is well suited to mobile mining applications.

The industry-standard CAN (Controller Area Network) connection provides a host PLC with the ability to control and monitor all outputs.

Uniquely Keyed Type A & Type B connector to prevent incorrect machine installation

Solenoid supply voltage to module from 8 to 24-volt d.c. (well suited to both 12-volt and 24 volt solenoids)

32 x PWM current-controlled proportional outputs (up to 1A continuous rating)

Module Type: Multi-channel Solenoid Driver

Supply Input: +8 VDC to +24VDC (+/-10%) / 800 Watts (Max) (based on output loads)

Data Communications: Pempek OBP CAN (A2)

**Operating Temperature:** -20°C to 70°C

Inputs: None

**Outputs:** 32 x PWM Current-regulated Outputs (1 A Maximum)

Connector 1: Pempek OBP A2 (CAN Bus)

**Connector 2:** Pempek OBP A59(PWM Outputs and Module Supply Input)

**Connector 2:** LORE0201 Pempek OBP B59(PWM Outputs and Module Supply Input)



Connector Assembly

Part Number	Description
HORE0201	Connector Assembly B59

Datasheet-LORE0201

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### **CONNECTOR A2**

PIN	Connector A2 Burndy Female 8 Way	Signal
A2-A	Supply Input	24VDC Supply Input
A2-B	Supply Input	0VDC Supply Input
A2-C	CAN A (Positive)	Communications
A2-D	CAN A (Positive)	Communications
A2-E	CAN A (Negative)	Communications
A2-F	CAN A (Negative)	Communications
A2-G	Termination Link 1 - 1	Termination Link Input
A2-H	Termination Link 1 - 2	Termination Link Input

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## **CONNECTOR B59**

Number	Unit / PCB GMCT50F Female Board Mount PIN	Name
1	A	
2	В	OVDC
3	С	MODULE-SEL-1
4	D	8-24VDC SUPPLY
5	E	
6	F	OVDC
7	Н	OVDC
8	J	8-24VDC SUPPLY
9	K	SOL-1
10	L	SOL-2
11	Μ	MODULE-SEL-2
12	Ν	SOL-3
13	Р	SOL-4
14	R	SOL-5
15	S	OVDC
16	Т	SOL-6
17	U	SOL-7
18	V	SOL-8
19	W	MODULE-SEL-3
20	Х	SOL-9
21	Y	SOL-10
22	Z	SOL-11
23	a	OVDC
24	b	SOL-12
25	с	SOL-13
26	d	SOL-14
27	e	
28	f	SOL-15
29	h	SOL-16
30	i	SOL-17
31	k	
32	m	SOL-18
33	n	SOL-19
34	n	SQ1-20
35	r	
36	S	SOL-21
37	t	SOL-22
38	U	SOL-23
39	V	
40	W	SOI-24
41	X	SQL-25
42	V	SQL-26
43	7	
44	 A A	SOI-27
45	BB	SOL 28
46	CC	SOL-29
47		
48	FF	SOL-30
49	FF	SOL-31
50	НН	SOL-32
00		





Image depict coding pins required

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