





P00005-C000018100



P00004-C000018100



48060



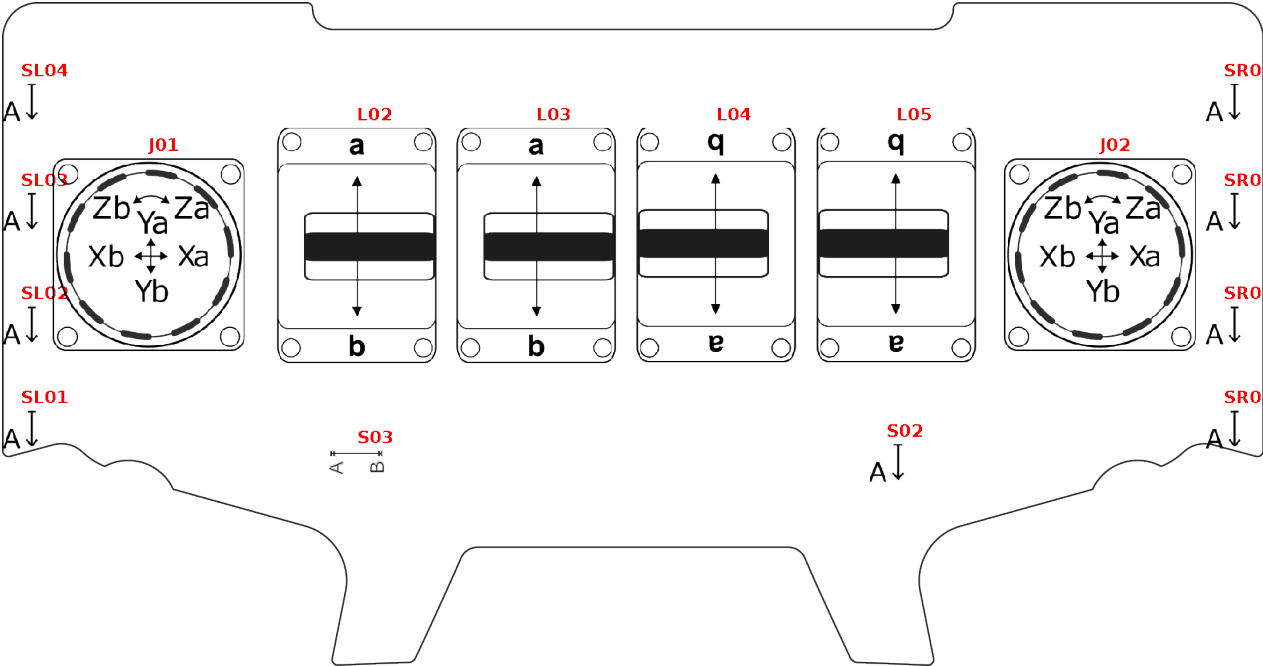
102232



700

p/n Your p/n	Description Your description	Qty
P00001 - C000018100	RCS MINI CAN G6 TR06 915 SISP Miller - Mini 3J-L4-3J / G6 CAN System	1
P00004-C000018100	PCU MINI G6 TR06A 915 2J 4L LCD SISP Mini G6 915 MHz 3-L4-3	1
P00005-C000018100	CU CAN G6 TR06A 915 SISP CAN Receiver	1
102232	Battery Charger NiMH With Flying Leads 12/24 VDC	1
103169	Magnet Shaft Mounted 21x25mm	1
48060	Shoulder west	1
700	NiMH battery	2





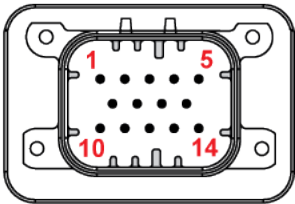
Designator	Function	I/O Connector	Resource Address	Function Type	Function Mapping	Function Reference	Inv	S.S	S.C
J01	Xa:Xb	K802	2	Safe Analogue	2	J01:Xa / J01:Xb		Y	Y
J01	Ya:Yb	K801	1	Safe Analogue	1	J01:Ya / J01:Yb		Y	Y
J01	Za:Zb	K803	3	Safe Analogue	3	J01:Za / J01:Zb		Y	Y
J02	Xa:Xb	K809	9	Safe Analogue	9	J02:Xa / J02:Xb		Y	Y
J02	Ya:Yb	K808	8	Safe Analogue	8	J02:Ya / J02:Yb		Y	Y
J02	Za:Zb	K810	10	Safe Analogue	10	J02:Za / J02:Zb		Y	Y
L02	a:b	K804	4	Safe Analogue	4	L02:A / L02:B		Y	Y
L03	a:b	K805	5	Safe Analogue	5	L03:A / L03:B		Y	Y
L04	a:b	K806	6	Safe Analogue	6	L04:A / L04:B	Y	Y	Y
L05	a:b	K807	7	Safe Analogue	7	L05:A / L05:B	Y	Y	Y
S02	A	K901	2	Digital	2	S02:A - Deck Light			
S03	A	K820	2	Safe Digital	2	S03:A: Boom			Y
S03	B	K820	1	Safe Digital	1	S03:B: Outrigger			Y
SL01	A	K910	37	Digital	3	SL01:A			
SL02	A	K910	38	Digital	4	SL02:A			
SL03	A	K910	39	Digital	5	SL03:A			
SL04	A	K910	40	Digital	6	SL04:A			
SR01	A	K901	1	Digital	1	SR01:A (On)			
SR02	A	K911	42	Digital	7	SR02:A			
SR03	A	K911	43	Digital	8	SR03:A			
SR04	A	K911	44	Digital	9	SR04:A			

Setting	Value
Radio platform	Multi Band 868/915 MHz/2.4 GHz with external antenna
Frequency	915 MHz
Output Power	125 mW
Transmitter firmware	STANDARD
Parameter file	P00004-C000018100-n.txt
Display OS	Standard
Display application	Standard
ON input	SR01:A (On)
OFF input	Stop (Off)
Auto-OFF timer	15 minutes
Speed reduction	
Engage/increase input	
Disable/decrease input	
Reduction levels	5
Decrease enabled	No
Features	
Proximity detection	No
Panel light	Yes
Vibration feedback	No
Buzzer feedback	Yes
Accelerometer	No



Pin	Signal	Description
1	Vin_REMOTE	Power supply 12/24 VDC (use external fuse 10 Ampere)
2	LOOP_IN	Safety classified loop input 9-36 VDC. Closed when transmitter is on and radio link established. Max load 6 Ampere. Safety classified IEC 61508 SIL 3. Requires common ground as for pin 1.
3	+CAB	Supply voltage for transmitter tether control (optional). Connects to pin 2 on the transmitter side.
4	GND	Ground for transmitter tether control (optional). Connects to pin 3 on the transmitter side.
5	LOOP_OUT	Safety classified loop output . Closed when transmitter is on and radio link established. Max load 6 Ampere. Safety classified IEC 61508 SIL 3. Requires common ground as for pin 1.
6	GND	Ground
7	CAN1_H	CAN1 H (CANOpen/Safety CAN)
8	CAB_COM1	Serial communication for tether control (optional). Connects to pin 4 on the transmitter side.
9	CAB_COM2	Serial communication for tether control (optional). Connects to pin 5 on the transmitter side.
10	Vin_MANUAL	Input for enabling manual override, typically from levers on a hydraulic valve block. When input is high; pins 12 & 14 are set high and the safety loop is closed (pins 2 & 5)
11	CAN1_L	CAN1 L (CANOpen/Safety CAN)
12	ACT_MOV	High when analog functions on the transmitter are activated. Max load 2 Ampere. Safety classified IEC 61508 SIL 2.
13	GND	Ground
14	STOP_OUT	High when transmitter is on and radio link established. Max load 2 Ampere. Safety classified IEC 61508 SIL 3.

AMPSEAL 14 male
Seen from mating side



Setting	Value
Radio platform	G6 CAN receiver 14-pin, 868/915MHz/2.4GHz
Frequency	915 MHz
Output Power	125 mW
Receiver firmware	STANDARD
Parameter file	P00005-C000022100-n.txt
Act Mov output settings	0.5 s
Additional functions	

CAN1

Setting	Value
Type	CANOpen Slave
Baud rate	250kbit
NODE ID	100
Internal termination	No
Active TPDOs	
Safety CAN	Disabled
Safeguard cycle time	50

0x1E4 - Analog Out 1											
D0			D1			D2			D3		
Boom (x-axis)			Boom (y-axis)			Slew (z-axis)			Driver Winch (x-axis)		
0xFE	100% A-Dir	J01: RET	0xFE	100% A-Dir	J01: Up	0xFE	100% A-Dir	J01: CW	0xFE	100% A-Dir	J02: Out
0x7F	Idle		0x7F	Idle		0x7F	Idle		0x7F	Idle	
0x00	100% B-Dir	J01: EXT	0x00	100% B-Dir	J01: Down	0x00	100% B-Dir	J01:CCW	0x00	100% B-Dir	J02: In
D4			D5			D6			D7		
Pass Winch (y-axis)			Travel (z-axis)			Turret Driver (Lever 1)			Turrent Pass (Lever 2)		
0xFE	100% A-Dir	J02: In	0xFE	100% A-Dir	J02: Rear	0xFE	100% A-Dir	L01:In	0xFE	100% A-Dir	L02:In
0x7F	Idle		0x7F	Idle		0x7F	Idle		0x7F	Idle	
0x00	100% B-Dir	J02: Out	0x00	100% B-Dir	J02: FWD	0x00	100% B-Dir	L01:Out	0x00	100% B-Dir	L02:Out
0x2E4 - Analog Out 2											
D0			D1			D2			D3		
Drag Driver (Lever 3)			Drag Pass (Lever 4)								
0xFE	100% A-Dir	L03: In	0xFE	100% A-Dir	L04:In	0xFE	100% A-Dir		0xFE	100% A-Dir	
0x7F	Idle		0x7F	Idle		0x7F	Idle		0x7F	Idle	
0x00	100% B-Dir	L03:Out	0x00	100% B-Dir	L04:Out	0x00	100% B-Dir		0x00	100% B-Dir	
D4			D5			D6			D7		
0xFE	100% A-Dir		0xFE	100% A-Dir		0xFE	100% A-Dir		0xFE	100% A-Dir	
0x7F	Idle		0x7F	Idle		0x7F	Idle		0x7F	Idle	
0x00	100% B-Dir		0x00	100% B-Dir		0x00	100% B-Dir		0x00	100% B-Dir	
Format1: 127 = Neutral, 0 = 100% B direction / Backward, 254 = 100 % A direction / Forward											
Format2: 0 = Neutral, -100 = 100% B direction / Backward, +100 = 100 % A direction / Forward											
Format3: 0 = Neutral, -127 = 100% B direction / Backward, +127 = 100 % A direction / Forward											

0x3E4 - Digital Output											
D0			D1			D2			D3		
0x01	D01	SR01: (On)	0x01	D09	S02:A - Deck Light	0x01	D017		0x01	D025	
0x02	D02	SR02: Winch / Lock	0x02	D010	S03:A: Boom	0x02	D018		0x02	D026	
0x04	D03	SR03: Free Spool	0x04	D011	S03:B: Outtrigger	0x04	D019		0x04	D027	
0x08	D04	SR04: Boom Load	0x08	D012		0x08	D020		0x08	D028	
0x10	D05	SL01: Engine	0x10	D013		0x10	D021		0x10	D029	
0x20	D06	SL02: Lower Work	0x20	D014		0x20	D022		0x20	D030	
0x40	D07	SL03: Upper Work	0x40	D015		0x40	D023		0x40	D031	
0x80	D08	SL04: Beacons	0x80	D016		0x80	D024		0x80	D032	
D4			D5			D6			D7		
0x01	D033		0x01	D041		0x01	D049		0x01	D057	
0x02	D034		0x02	D042		0x02	D050		0x02	D058	
0x04	D035		0x04	D043		0x04	D051		0x04	D059	
0x08	D036		0x08	D044		0x08	D052		0x08	D060	
0x10	D037		0x10	D045		0x10	D053		0x10	D061	
0x20	D038		0x20	D046		0x20	D054		0x20	D062	
0x40	D039		0x40	D047		0x40	D055		0x40	D063	
0x80	D040		0x80	D048		0x80	D056		0x80	D064	

TPDO4 Misc Out, COB ID: 0x4E4							
D6		D1		D2		D3	
System Status		Radio Link Status		Battery 1 Status		Battery 2 Status	
b0 - b1	Operating status	0x00 - 0x64	Radio link	0x00 - 0x64	Battery 1 level	0x00 - 0x64	Battery 2 level
	0x01 : System running		0 - 100 %		0 -100 %		0 -100 %
	0x02 : System stopped	0x65 - 0xFF	Reserved	0x65 - 0xFC	Reserved	0x65 - 0xFC	Reserved
b2	Stop reason	Radio link will show 100% during tether operation.		0xFD	Unknown battery	0xFD	Unknown battery
	0x00 : Link lost			0xFE	Invalid battery	0xFE	Invalid battery
	0x04 : Stop button			0xFF	Not present	0xFF	Not present
b3	0x08 : Internal error active						
b4	0x10 : Tether operation						
b5 - b7	Speed reduction level						
	0x00 : None						
	0x20 : 1st step						
	0x40 : 2nd step						
	0x60 : 3rd step						
0x80 : 4th step							
0xA0 : 5th step							
D4		D5		D6		D7	
Not used		Not used		Not used		Not used	
0x00	-	0x00	-	0x00	-	0x00	-

0x364											
D0			D1			D2			D3		
0x01	DI1	BUZZER:On	0x01	DI9		0x01	DI17		0x01	DI25	
0x02	DI2	Stop	0x02	DI10		0x02	DI18		0x02	DI26	
0x04	DI3	Deck Lights	0x04	DI11		0x04	DI19		0x04	DI27	
0x08	DI4		0x08	DI12		0x08	DI20		0x08	DI28	
0x10	DI5		0x10	DI13		0x10	DI21		0x10	DI29	
0x20	DI6		0x20	DI14		0x20	DI22		0x20	DI30	
0x40	DI7		0x40	DI15		0x40	DI23		0x40	DI31	
0x80	DI8		0x80	DI16		0x80	DI24		0x80	DI32	
D4			D5			D6			D7		
0x01	DI33		0x01	DI41		0x01	DI49		0x01	DI57	
0x02	DI34		0x02	DI42		0x02	DI50		0x02	DI58	
0x04	DI35		0x04	DI43		0x04	DI51		0x04	DI59	
0x08	DI36		0x08	DI44		0x08	DI52		0x08	DI60	
0x10	DI37		0x10	DI45		0x10	DI53		0x10	DI61	
0x20	DI38		0x20	DI46		0x20	DI54		0x20	DI62	
0x40	DI39		0x40	DI47		0x40	DI55		0x40	DI63	
0x80	DI40		0x80	DI48		0x80	DI56		0x80	DI64	

F-ref	p/n	Description	Sub p/n	Description	Qty
J01	102506	Joystick 3-axis X-Y-Z, square gated	102546 102464	Cable assembly 3-axis joystick Mounting kit joystick	1 1
J02	102506	Joystick 3-axis X-Y-Z, square gated	102546 102464	Cable assembly 3-axis joystick Mounting kit joystick	1 1
L02	47600	Lever black	102547 102458	Cable assembly lever Mounting kit lever	1 1
L03	47600	Lever black	102547 102458	Cable assembly lever Mounting kit lever	1 1
L04	47600	Lever black	102547 102458	Cable assembly lever Mounting kit lever	1 1
L05	47600	Lever black	102547 102458	Cable assembly lever Mounting kit lever	1 1
S02	45006	Push button 1-pole 0-1>	45007	Button hood black	1
S03	45477	Toggle lift to switch 2-pole 1-1 round knob	45448	Toggle switch hood lift to switch silver	1
SL01	102485	Push button (side style) 1-pole 0-1>			
SL02	102485	Push button (side style) 1-pole 0-1>			
SL03	102485	Push button (side style) 1-pole 0-1>			
SL04	102485	Push button (side style) 1-pole 0-1>			
SR01	102485	Push button (side style) 1-pole 0-1>			
SR02	102485	Push button (side style) 1-pole 0-1>			
SR03	102485	Push button (side style) 1-pole 0-1>			
SR04	102485	Push button (side style) 1-pole 0-1>			
STOP	102482	Red stop button	102554	Cable assembly 3-pole stop button	1