

ACU Sender ACU-3C

- Simulate ACU, Verify the performance of Motorized Seatbelt;
- Support 1 channel CAN message send with CAN-HS or CAN-FD;
- Support 2 channels PWM output;
- Support trigger events input by ARM, T0, IN_1 and IN_2;
- UPS Battery inside work over 5 hours;
- $2 \times JBUS$ interface, daisy connect with other devices easily.

The ACU Sender ACU-3C is mainly used in sled or vehicle crash tests to simulate the ACU to perform functional verification of components based on CAN and PWM protocols (such as motorized seatbelt), thereby quickly developing vehicles. The sending of CAN messages and PWM can be based on ARM, T0, digital input and other markers to send single or cyclic messages. Command editing software is provided, which can be automatically executed offline during testing. The device has a built-in lithium battery and has UPS function.

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N	pecification:
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Name	Unit	Value				
BUS Channel	Channels $1 \times CAN$ $2 \times PWM$ kbps2000 max.Hz4000 max.SwitchT0, IN_1, IN_2e/AutoYesV24~55nehoursg $\geq 100@6ms$ °C-20-+45/Al. Alloy	$1 \times CAN$				
BUS Channel	Channels	$2 \times PWM$				
CAN Baud Rate	kbps	2000 max.				
PWM Frequency	Hz	4000 max.				
Trigger Event	Switch	T0, IN_1, IN_2				
Wake-up message	/	Yes				
CRC bit	Auto	Yes				
Power Input	V	24~55				
Battery Work Time	hours	5				
Anti-Shock	g	≥100@6ms				
Opera. Temp.	°C	-20-+45				
Materials	/	Al. Alloy				
Dimension	mm	230×64×70				
Weight	kg	1.2				

Interface Connectors:

CAN BUS ODU GK0L0C-P05Q:

CAN BUS OD	U GK0L	.0C-P05Q:							
Pin 2		5V-CAN							
Pin 3	GND-CAN								
Pin 4		CAN-H							
Pin 5		CAN-L							
Trigger Input 7	TRG IN	ODU GK1L0C-P05Q:							
Pin 1		Switch T0+							
Pin 2		Switch T0-							
Pin 3		Switch SR+							
Pin 4		Switch SR-							
JBUS A and B	ODU GI	K2L0C-P16Q:							
Pin 1, 11,	, 12	Power Input +							
Pin 2, 3,	13	Power GND							
Pin 4, 5, 6	, 14	Ethernet							
Pin 7, 8	3	Trigger T0 RS485							
Pin 15, 1	6	Trigger SR RS485							
Pin 9		Trigger GND							
Pin 10		Trigger Terminal							
Event Input IO	ODU G	K1L0C-P04Q:							
Pin 1		IN_1+							
Pin 2		IN_1-							
Pin 3		IN_2+							

IN 2-

Software Ref.

经销号	• 1.	连接状态		序列号 AC1C02		1	IP地址 172.22.10.100			电池电量/错误码 86%			ARM	SR	TO	19200	
	1.			Лен			TILLETO	.100								- 223	18
所开连接	Test o	hart ST	1	_	_	_	_	_	_	_	_	_	_				
现数据	CAN类型及波特率 22564192 + ++++++++++++++++++++++++++++++++++																
10x303E	istage	18					22644358 ***	17222.10.1	100 : 33.600	2 CAN-CLASSIC	C 1A0 8	00 11 22 33	44 65 66 13				
置参数 RM!!!		使能	延时(ms)	循环次数	间隔(ms)	触发条件	输出类型	初始统率 (Hz)	<u>制設部</u> 年 (Hz)	採事問期	帧格式	ID	数据长期	数据 (请输入1 进制数据,用注 格用开,例如: 12 34 56 78 9 A8 CD EF)	计数据	位 CRG	Cłż
淌Arm	1	2	1	0	200	ARM	CAN				标准帧	1A0	8	00 11 22 33 4 55 66 77	614	· 8	
始记录	2		2000	10	100	то	CAN				标准帧	1A1	8	· 00 11 22 33 4 55 66 77	尤	' 无	
止记录	· 3	R	0	9	10	IN_1 ABM TO	PWM_1	10	250	2000	标在帧	1A2	8	00 11 22 33 4 55 66 77	尤	· 无	1
TELC 28	4		3	9	10	N 1 N 2	PWM_2	20	500	1000	标准帧	1A3	8	00 11 22 33 4 55 66 77	龙	• 无	ļ
	5		4	9	20 '	то	CAN				标准帧	1A4	8	00 11 22 33 4 55 66 77	大	' 无	1
	6		5	9	20	то	CAN				标在帧	1A5	8	00 11 22 33 4 55 66 77	尤	· 无	1
	7		6	4	30 .	то	CAN				标准帧	1A6	8	00 1122 33 4 55 66 77	. 无	· 无	1
	8		7	9	10	ARM	CAN				标准帧	1A7	8	00 11 22 33 4 55 66 77	九	• 无	1
	9		8	5	30 .	ARM	CAN				标准帧	1A8	8	00 11 22 33 4 55 66 77	尤	'无	
新聞の技	10		9	0	30 .	ARM	CAN .				80946	149	8	· 00 11 22 33 4 55 66 77	4 无	· .	

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Pin 4