



# ECU PREMIUM

HVAC + R

STANDARD

CABIN / MUX

## CHARACTERISTICS

- Customizable software
- Data Logger
- Configurable I/Os
- CAN Bus and LIN Interface

## CONFIGURATION OPTIONS

- According to Hardware table.

## CONNECTORS



MODICE CINCH 18 pins  
Part Number: 581-01-18-023  
Terminal - PN: 425-00-00-872  
Fabricante: Modice Cinch

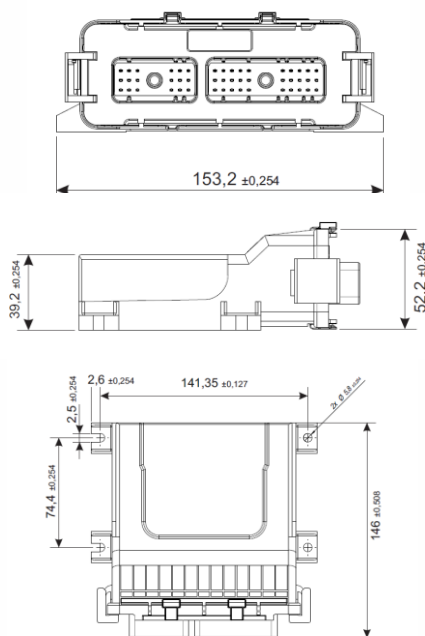


MODICE CINCH 30 pins  
Part Number: 581-01-18-029  
Cavity Plug Seal - PN: 581-00-00-011  
Fabricante: Modice Cinch

## TECHNICAL DATA

TECHNICAL DATA	
OPERATING VOLTAGE	24 VDC
OPERATING VOLTAGE RANGE	18 VDC to 30 VDC
MAXIMUM VOLTAGE	32 VDC during 5min
OUTPUT MAXIMUM CURRENT	500mA
OUTPUT SHORT-CIRCUIT	Protected*
REVERSE POLARITY	Protected*
OPERATING TEMPERATURE RANGE	-40°C to +85°C / -40°F to +185°F
STORAGE TEMPERATURE	-40°C to +85°C / -40°F to +185°F
TEMPERATURE SENSOR	NTC
PROTECTION DEGREE	IP 68K
COMMUNICATION	CAN Bus / LIN
MAXIMUM CURRENT CONSUMPTION	17mA **
STANDBY CONSUMPTION	**

Approximated weight: 490g



\* According to product configuration. \*\* Consumption may vary according to customer specifications.  
We keep the right to update or change information regarding products without prior notice.

ECU

## PREMIUM

PRODUCT  
CONFIGURATIONS

Choose the best options for your system

ECU PREMIUM   POSSIBLE CONFIGURATIONS HARDWARE 1			
PIN CN1			
1	DIGITAL INPUT	OR	-
2	DIGITAL INPUT	OR	-
3	DIGITAL INPUT	OR	-
4	DIGITAL INPUT	OR	-
5	DIGITAL INPUT	OR	-
6	DIGITAL INPUT	OR	-
7	PWM OUTPUT	OR	-
8	DIGITAL INPUT	OR	DIGITAL OUTPUT POSITIVE 0.5A
9	PWM OUTPUT	OR	-
10	DIGITAL OUTPUT POSITIVE 0.5A	OR	-
11	DIGITAL OUTPUT POSITIVE 0.5A	OR	-
12	PWM OUTPUT	OR	-
13	DIGITAL OUTPUT POSITIVE 0.5A	OR	-
14	GND	OR	-
15	DIGITAL OUTPUT POSITIVE 0.5A 12V	OR	-
16	DIGITAL OUTPUT POSITIVE 0.5A	OR	-
17	GND	OR	-
18	DIGITAL OUTPUT POSITIVE 0.5A 12V	OR	-
PIN CN2			
1	LIN 2	OR	-
2	CAN2 L	OR	-
3	CAN2 H	OR	-
4	LIN 1	OR	-
5	CAN1 L	OR	-
6	CAN1 H	OR	-
7	ANALOG INPUT	OR	DIGITAL INPUT
8	TRANSDUCER POWER SUPPLY GND	OR	-
9	TRANSDUCER POWER SUPPLY 5V	OR	-
10	GND	OR	-
11	GND	OR	-
12	ANALOG INPUT	OR	DIGITAL INPUT
13	ANALOG INPUT	OR	DIGITAL INPUT
14	ANALOG INPUT	OR	DIGITAL INPUT
15	ANALOG INPUT	OR	DIGITAL INPUT
16	ANALOG INPUT	OR	DIGITAL INPUT
17	ANALOG INPUT	OR	DIGITAL INPUT
18	ANALOG INPUT	OR	DIGITAL INPUT
19	GND	OR	-
20	ANALOG INPUT	OR	-
21	GND	OR	-
22	ANALOG INPUT	OR	DIGITAL INPUT
23	DIGITAL INPUT	OR	-
24	ANALOG INPUT	OR	DIGITAL INPUT
25	GND	OR	-
26	DIGITAL INPUT	OR	-
27	GND	OR	-
28	POWER SUPPLY +VBAT	OR	-
29	POWER SUPPLY -VBAT	OR	-
30	POWER SUPPLY 12V OUT	OR	-



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