

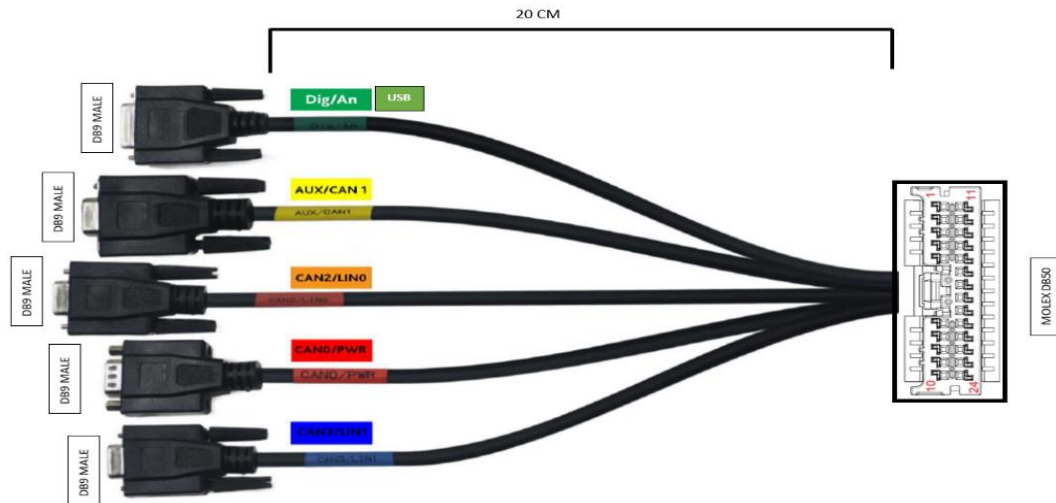
# User Guide

## INF4204.15- Pinout





MOLEX – 5 Way DB9 SPLITTER CONNECTOR



This 15 mm breakout cable is supplied with each ReXgen Air data logger making it suitable to connect devices that are compliant with the standard CIA 9-pin D-Sub pinout directly to our data loggers.

The cable has one 24-Way Molex connector, which connects directly to the ReXgen Air data logger and four 9-Way D-Sub connectors to connect up to the separate CAN buses and one 15-Way D-Sub as described here:

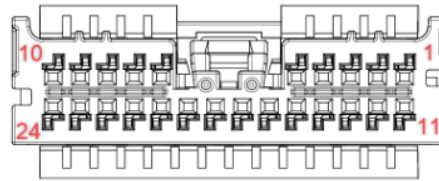
- **POWER/CAN0** enables power and a CAN0 bus to be connected to the ReXgen Air data logger. Type- 9-Way D-Sub (Plug)
- **AUX/CAN 1** enables a CAN bus to be connected to the ReXgen Air data logger and can be used to supply auxiliary power from the Rebel data loggers to other devices. Type -9-Way D-Sub (Socket)
- **CAN 2 Type** - 9-Way D-Sub (Socket)
- **CAN 3 Type** - 9-Way D-Sub (Socket)
- **Digital/Analog Pin:** 15-Way D-Sub (Socket) connector enables easy connection to the data logger analog and digital pins.

Tech Spec:

<b>Cable Length</b>	15 Cm
<b>Cable OD</b>	6.5mm Twisted pair CAN connections
<b>Connector</b>	DB9 M with screw*1PCS DB9 M with screw *1PCS DB9 M with screw *1PCS DB9 M with studs*1PCS DB15FwithScrew*1PCS Molex mini-50 Female

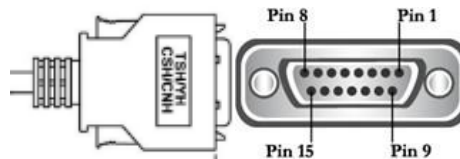


**Molex Connector:**



Pins	Molex mini-50	Pins	Molex mini-50
Pin 1	RelayOut0	Pin 13	ADC0
Pin 2	DigIn0	Pin 14	ERASE
Pin 3	AnalogGND	Pin 15	LIN
Pin 4	ADC1	Pin 16	GND
Pin 5	Wakeup/Clamp- 15	Pin 17	Power GND
Pin 6	CAN0 Lo	Pin 18	5-31V
Pin 7	CAN1 Lo	Pin 19	CAN0 Hi
Pin 8	CAN2 Lo	Pin 20	CAN1 Hi
Pin 9	CAN3 Lo	Pin 21	CAN2 Hi
Pin 10	USB DP_Conn	Pin 22	CAN3 Hi
Pin 11	4.5V Out	Pin 23	USB 5V
Pin 12	DigIn1	Pin 24	USB DM_Conn

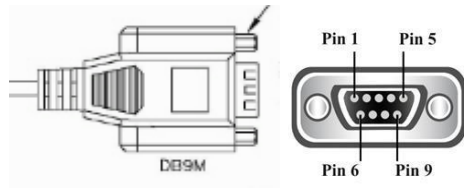
**Digital/Analog Pin (DB-15 Male)**



PIN	DIG/ANALOG	PIN	DIG/ANALOG
Pin 1	NC	Pin 9	DigIn 0
Pin 2	4.5V Out	Pin 10	DigIn 1
Pin 3	USB Dp_Conn	Pin 11	GND
Pin 4	USB 5V	Pin 12	NC
Pin 5	USB DM_Conn	Pin 13	WAKE UP/Clamp 15
Pin 6	Analog GND	Pin 14	ADC 0
Pin 7	ADC 1	Pin 15	NC
Pin 8	NC		

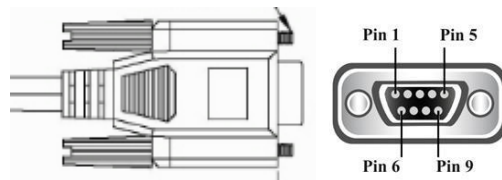


**CAN0/Power (DB-9 Male)**



PIN	CAN0/PWR
Pin 1	NC
Pin 2	CAN0 Lo
Pin 3	GND
Pin 4	NC
Pin 5	Power GND
Pin 6	NC
Pin 7	CAN0 Hi
Pin 8	NC
Pin 9	5-31V

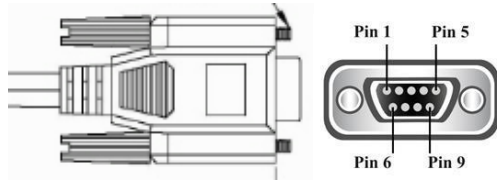
**CAN1 (DB-9 Male)**



PIN	CAN1
Pin 1	NC
Pin 2	CAN1 Lo
Pin 3	NC
Pin 4	NC
Pin 5	NC
Pin 6	NC
Pin 7	CAN1 Hi
Pin 8	NC
Pin 9	NC

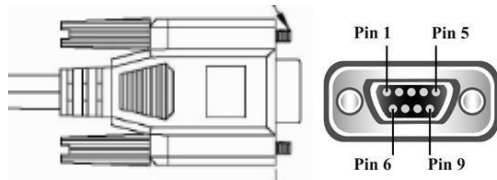


**CAN 2 (DB-9 Male)**



PIN	CAN2
Pin 1	LIN
Pin 2	CAN2 Lo
Pin 3	GND
Pin 4	NC
Pin 5	Power GND
Pin6	NC
Pin 7	CAN2 Hi
Pin 8	NC
Pin 9	NC

**CAN 3 (DB-9 Male)**



PIN	CAN3
Pin 1	NC
Pin 2	CAN3 Lo
Pin 3	NC
Pin 4	NC
Pin 5	NC
Pin6	NC
Pin 7	CAN3 Hi
Pin 8	NC
Pin 9	NC

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