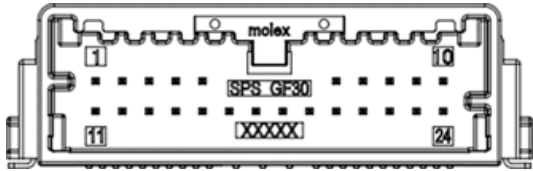


ReXgen Series: Product Manuals

Pinout Details: ReXgen Air

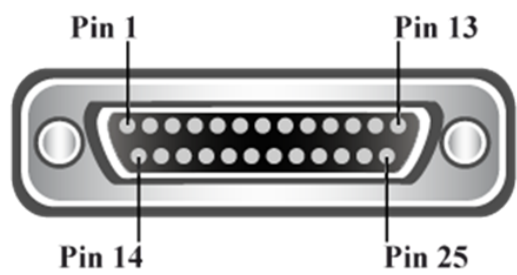
There are two connectors, a 24-pin Molex Mini50 connector and a male 25-pin Standard D Type connector

24-pin Molex Mini50 Connector




PIN No	PIN Function	Optional
Pin 1	RelayOut0	Relay Driver
Pin 2	DigIn0	
Pin 3	AnalogGnd	
Pin 4	Adc1	
Pin 5	Clamp-15	
Pin 6	CAN0-L	
Pin 7	CAN1-L	
Pin 8	CAN2-L	Additional CAN FD 3rd bus
Pin 9	CAN3-L	Additional CAN FD 4th bus
Pin 10	usbDP_conn	Request when ordering
Pin 11	4.5Vout	
Pin 12	DigIn1	
Pin 13	Adc0	
Pin 14	Erase#	
Pin 15	LIN	
Pin 16	GND	
Pin 17	PowerGND	
Pin 18	5-31V	
Pin 19	CAN0-H	
Pin 20	CAN1-H	
Pin 21	CAN2-H	Additional CAN FD 3rd bus
Pin 22	CAN3-H	Additional CAN FD 4th bus
Pin 23	usb5V	Request when ordering
Pin 24	usbDM_conn	Request when ordering

Male 25-pin Standard D Type connector (Mini 50 to D Sub 25 cable Sold separately).



Pin No	Pin Function
Pin 1	NC
Pin 2	NC
Pin 3	CAN Bus 3 Low Signal (Available only on 4x CAN Model)
Pin 4	Analog Input 1 - do not apply voltages outside of the -10 to +10V range
Pin 5	Wake-Up pin to wake logger from sleep mode
Pin 6	CAN Bus 1 Low Signal
Pin 7	CAN Bus 0 Low Signal
Pin 9	5-31V Supply Voltage
Pin 10	+4.5V Instrumentation Supply Voltage, ensure that current draw is not more than 100mA
Pin 11	Erase PIN
Pin 12	Digital Input 0 - When used as an input, do not apply voltages outside the 0 to +12V range. More information on the use of this pin can be found in Annexure
Pin 13	CAN Bus 2 Low Signal (Available only on 4x CAN Model)
Pin 15	LIN 0 Signal
Pin 16	CAN Bus 3 High Signal (Available only on 4x CAN Model)
Pin 17	Analog Input 0 - do not apply voltages outside of the -10 to +10V range
Pin 18	Analog Ground
Pin 19	CAN Bus 1 High Signal
Pin 20	CAN Bus 0 High Signal
Pin 21	Ground
Pin 22	Power Ground
Pin 23	Relay Out (Optional Feature)
Pin 24	Digital Input 1 - When used as input, do not apply voltages outside the 0 to +12V range More information on the use of this pin can be found in Annexure
PIN 25	CAN Bus 2 High Signal (Available only on 4x CAN Model)

 Notes:

- The connector needs to be tightened securely to make a proper connection, ensuring reliable operation
- Each end of the CAN bus must be terminated with a 120 Ohm resistor across CAN H & CAN L
- Do not short-circuit any pins
- The maximum safe applied voltage for analog and digital I/P is ± 28 V