

Quick Start Guide

Messenger BLE

1. Basic Messenger BLE Kit

The basic Messenger BLE kit includes one of each:

Part Numbers vary by data provider

A	Messenger BLE	
B	Cable – MG BLE to 6P	1800-0030
C	Harness – D21 to D21 with 6P dropout	812-7760-32
D	Antenna – GPS mag mount	1300-0019
E	Antenna Kit – 5dbi external mount with 10 ft	5000-0023

Data Plans:

1. AT&T 5000-0083
2. Verizon 5000-0084



A



B



C



D



E



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2. Telemetry Communications

The basic Messenger BLE kit provides power and CANbus to the device, cellular communications and GPS location allowing for remote monitoring and start/stop with throttle control via RemotelQ.

This basic kit does not provide access to Messenger BLE I/O. Additional accessories and harnessing are required to utilize telemetry I/O.



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3. Flying Lead Harness

The flying lead harness provides access to power, CANbus, Modbus and all onboard I/O.



1800-0064

1800-0063

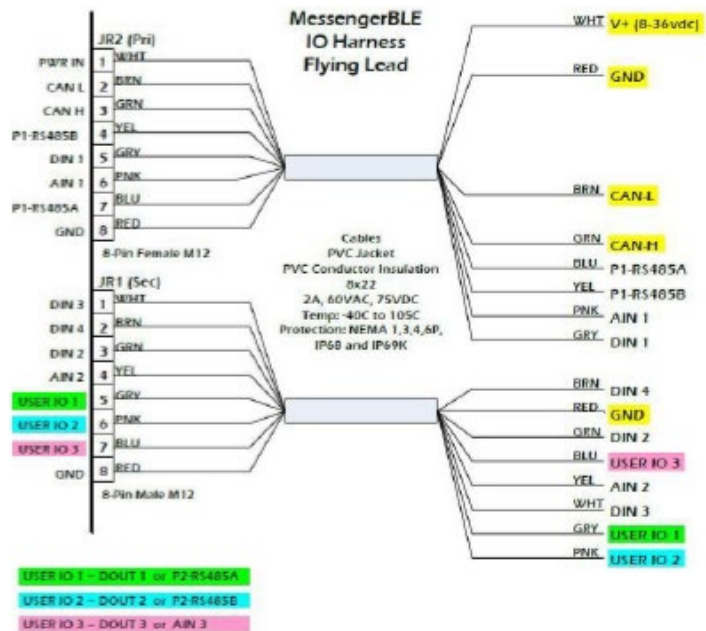


GPS
Antenna

JR1

JR2

Cellular
Antenna

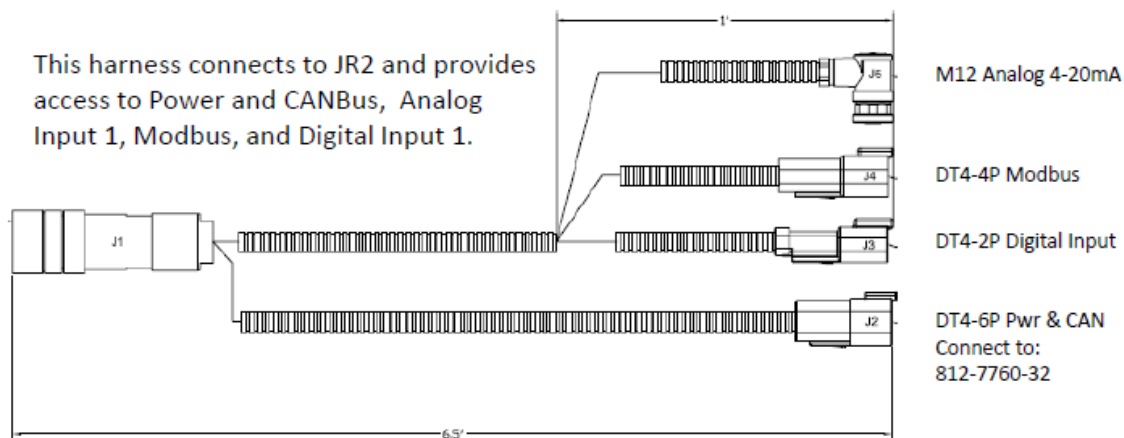


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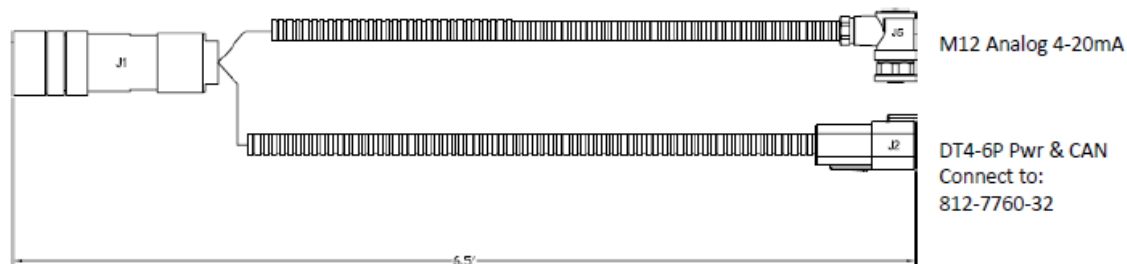
4. Part # 2HAR-9221-A001

This harness connects to JR2 and provides access to Power and CANBus, Analog Input 1, Modbus, and Digital Input 1.



5. Part # 2HAR-9221-A101

This harness connects to JR2 and provides access to Power and CANBus, and Analog Input 1.



Parameters for accessories connected to the Messenger BLE will be displayed in RemotelQ™ but not on the pump panel display screen.



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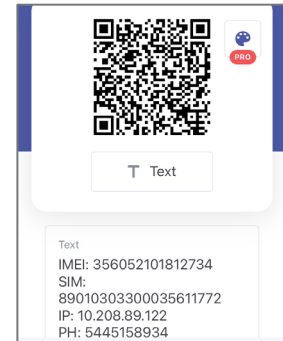
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6. Data Plans

If you purchased a data plan with the hardware, your device arrives activated and ready to use. If you have the hardware and need to activate service, please contact Support.Antx@cattron.com or call 877.399.2937.

1. Using a QR Code Scanning App*, scan the QR code on the Messenger BLE device to access all device identification information.

* iPhone cameras will not scan the QR code.



7. Accessories

For connection to the Messenger BLE, not the panel

1800-0072	Cable – M12 M/F, 5Pin, 6 meter
503-1652-24	Pressure Transducer – 0-100psi, 4-20mA, 10x over pressure, .5% accuracy, 1/4" NPT male
503-1652-06	Pressure Transducer – 0-200psi, 4-20mA, 10x over pressure, .5% accuracy, 1/4" NPT male
503-1652-33	Pressure Transducer – 0-500psi, 4-20mA, 10x over pressure, .5% accuracy, 1/4" NPT male
503-1650-10	Vacuum Transducer – 14.7-200psi, 4-20mA, 10x over pressure, .5% accuracy, 1/4" NPT male
5000-0056	Armored Level Transducer Kit – 10psi, cables: 40' wet, 35' dry
5000-0019	Solar Battery Charger – 10W, 12V, direct connect
5000-0015	Solar Battery Charger – 40W, 12V, integrated charge, ring terminal and alligator clip extensions
Flow Meters – size 2" and up, 4-20mA, pulse and Modbus options. Power and communication cables	

