

# MA-Series Inline Adapters

## Bluetooth Adapters for Pyxis Inline Sensors

### MA-Series Adapter Description

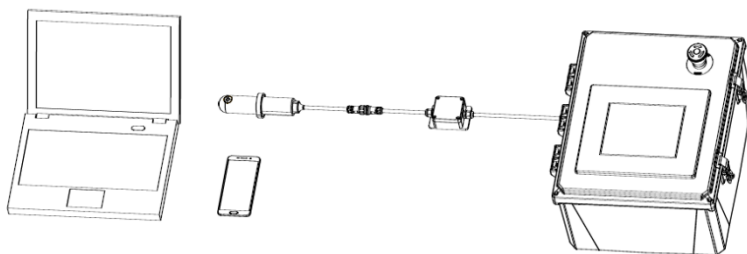
The Pyxis MA-Series Inline Adapters are uniquely designed accessories which enable Pyxis Lab inline sensors to be accessed, viewed, configured and calibrated via the uPyxis APP for Mobile or Desktop devices. The MA-Series adapters are offered in a Bluetooth 5.0 wireless platform in 5-Pin, 7-Pin and 8-Pin formats enabling connectivity to any of the sensor designs offered by Pyxis Lab. Additionally, Pyxis offers an inline USB adapter as an alternative for those desiring a direct wired connection to a Pyxis probe using the uPyxis APP.



MA-WB – Above  
MA-CR - Below

### Rapid Installation & Connection

The MA-Series Inline adapters are designed to be installed easily and without the need for tools. Each format is rapidly connected with “quick-adapters” designed for its sensor conductor pin format (5, 7 & 8). When installed, the MA-Series Inline Adapters utilize the power provided (24VDC) from the controller it is connected to, passing that power supply through to the connected Pyxis inline sensor. Additionally, each MA-Series inline adapter offers 4-20mA and/or RS485 Modbus connectivity from the Pyxis sensor to the receiving controller.



### MA-NEB for PC Bluetooth Capability

The MA-NEB is a USB adapter specifically designed to be inserted into the user’s PC or Laptop device. This small adapter enables the user’s PC to communicate via Bluetooth 5.0 directly with any Pyxis MA Series Bluetooth Adapter (MA-WB, MA-WA and MA-CR). MA-NEB should be used with uPyxis Desktop APP which may be downloaded per link attached. [uPyxis® Desktop \(pyxis-lab.com\)](http://pyxis-lab.com)



## Specifications

Items	MA-WA	MA-WB	MA-CR	MA-485	MA-NEB
P/N	MA-WA	MA-WB	MA-CR	MA-485	MA-NEB
Power Input	24VDC (+/-2) @10 mA from Controller				USB
Adapter Pin Format	5-Pin	7-Pin	8-Pin	7-Pin	USB
Signal Output	RS-485 Via Bluetooth 5.0			USB to PC	
Sensor Signal Passthrough	RS-485	1x4-20mA RS-485	2x4-20mA RS-485	1x4-20mA RS-485	All
Enclosure Material	ABS				
Enclosure Rating	IP-54 Enclosure				
Local Screen Interface	No	Yes	Yes	No	No
Storage Temperature	20 - 140 °F (-7 - 60° C)				
Operational Temperature	40 - 122 °F (4 - 50° C)				
Dimension	3.5 in (90 mm) L x 2.4 in (60 mm) W x 1.6 in (40 mm) H				2 in L x .5 in W
Weight	0.10 pounds (45 grams)				5 grams
Certificates	CE, RoHS				NA