

Ref	Description	Length	Interface
355217	Sensor Cable VP 8	1 m	ECS mode*
355218	Sensor Cable VP 8	3 m	ECS mode*
355219	Sensor Cable VP 8	5 m	ECS mode*
355220	Sensor Cable VP 8	10 m	ECS mode*
355221	Sensor Cable VP 8	15 m	ECS mode*
355222	Sensor Cable VP 8	20 m	ECS mode*

*only VisiFerm DO



Mobile Devices: not provided by Hamilton.
Download the mobile device reference list from www.hamiltoncompany.com.

LED Status

- The blue LED indicates an active Bluetooth connection.
- Sensor is not connected via Bluetooth.
No sensor errors or warnings have been registered.
- At least one sensor warning has been registered.
Verify the sensor warning in «Sensor status».
- **Flashing Mode:** No sensor connected.
Lighting Mode: At least one sensor error has been registered.
Verify the sensor error in «Sensor status».

Disposal



The design of Hamilton products optimally considers environmental compatibility. In accordance with the EC guideline 2002/96/EG Hamilton products that are worn out or no longer required must be sent to a dedicated collection point for electrical and electronic devices, alternatively, must be sent to Hamilton for disposal. Products must not be sent to an unsorted waste disposal point.

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HAMILTON

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To find a representative
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This guide may be available in other languages.
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Arc™ Wi 1G Adapter BT

Quick Guide

The Arc Wi 1G Adapter BT provides the wireless communication between the Arc sensors and mobile devices via Bluetooth 4.0.

The Arc Wi 1G Adapter BT is mounted between the VP head of an Arc sensor and the VP sensor cable. All analog and digital signals are bypassed through the Arc Wi 1G Adapter BT. Plug & Play for every Arc sensor type with VP head.



HAMILTON

Hamilton
HVIN: 243460



FCC ID: 2AQYJARCWIADAPBT
IC ID: 24225-ARCWIADAPBT

This device complies with Part 15 of the FCC Rules and with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

NOTE: Changes or modifications made to this equipment not expressly approved by Hamilton may void the FCC authorization to operate this equipment.



VP 8 Pin Designation with Hamilton VP 8 Cables

VP pin	Function	Color Double Coaxial Cable	Color Data Cable
A	4 - 20 mA interface #2	Coaxial core black transparent	Yellow
B	4 - 20 mA interface #1	Coaxial shield black	Green
C	Power supply: + 24 VDC (7 to 30 VDC)	Coaxial core red transparent	Red
D	Power supply: Ground	Coaxial shield red	Blue
E	Sensor specific*	White	Brown
F	Sensor specific*	Green	White
G	RS485 (A)	Yellow	Gray
H	RS485 (B)	Brown	Pink
Housing	Shield	Green/Yellow	Green/Yellow

* for details refer to the corresponding sensor manual

⚠ ATTENTION! Always use Hamilton VP 8 cables, available in a range of different lengths, for the easiest and safest connection of Arc pH, ORP, DO or conductivity sensors.

NOTE: Make sure, that the housing of the Arc Wi 1G Adapter BT is connected to protective earth.

Typical Connection to PCS Input Card is active (source) galvanically not isolated

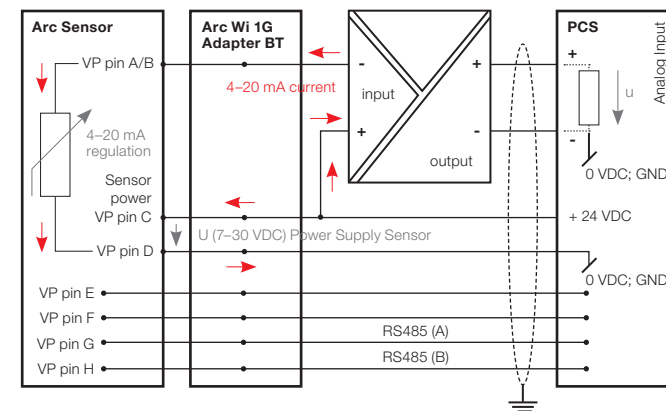


Figure 2: Typical connection to PCS using the Arc Wi 1G Adapter BT.

Parts and Accessories

Ref	Description	Length	Interface
243460	Arc Wi 1G Adapter BT	-	Bluetooth 4.0
243499	Wireless Converter BT	-	Bluetooth 4.0
355263	Sensor Data Cable VP 8	1 m	4-20 mA/Modbus
355264	Sensor Data Cable VP 8	3 m	4-20 mA/Modbus
355265	Sensor Data Cable VP 8	5 m	4-20 mA/Modbus
355266	Sensor Data Cable VP 8	10 m	4-20 mA/Modbus
355267	Sensor Data Cable VP 8	15 m	4-20 mA/Modbus
355268	Sensor Data Cable VP 8	20 m	4-20 mA/Modbus