

# Arc Wi 2G Adapter BT

Specification Sheet (Part/REF # 243470)



The Arc Wi 2G Adapter BT not only provides wireless communication via Bluetooth®, but also simplifies analog connection of Arc sensors to the process control system (PCS)

## Product Specifications

|   |   |
|---|---|
| <b>Electrical Connector</b>             | VP8 / M12   |
| <b>4 to 20 mA Current Range</b>         | 3.5 to 22 mA                                      |
| <b>Analog Interface 1</b>               | 4 to 20 mA, galvanically isolated, programmable   |
| <b>Analog Interface 2</b>               | 4 to 20 mA, galvanically isolated, programmable   |
| <b>4 to 20 mA Accuracy</b>              | < 0.3 % current value + 0.05 mA                   |
| <b>Frequency Range</b>                  | 2.45 GHz (IEEE 802.15.1)                          |
| <b>Transmitting Power</b>               | Max. 4 dBm  |
| <b>Digital Interface</b>                | Bluetooth 4.0<br>RS485 Modbus (max. 31 addresses) |
| <b>Max Range in Process Environment</b> | ~ 20 m  |
| <b>Operating Voltage</b>                | 7 to 30 VDC                                       |
| <b>Serial Number</b>                    | Yes   |
| <b>Operating Temperature Range</b>      | 5 to 70 °C  |
| <b>Protection Rating</b>                | IP 67   |

Specifications are subject to change without notice

**Spec. Version B**

<https://www.hamiltoncompany.com/process-analytics/sensors/243470>