① Panel

• **TOP**

• **Rx LED**
  Flash : Receiving data from transmitter
  Solid : Abnormal, refer to "FAQ"
• **Tx LED**
  Flash : Sending data to transmitter
  Solid : Abnormal, refer to "FAQ"
• **24V LED**
  Solid : Outputting 24V DC
• **Switch**
  Left : Enable 24V DC output and built-in resistor
  Middle : Disable 24V and built-in resistor
  Right : Disable 24V, enable built-in resistor

• **Bottom**


• **Run Led**
  Flash : Waiting connect bluetooth
  Solid : Connection completed
• **Charge Led**
  Solid : Charging   Off : Not charged or full

③ Connect Valve

• Toggle modem switch to middle position
• Power the valve (Loop+/Loop- Pin) use signal generator

④ Specifications

|	
Standard	China GB/T 29910.1 ~ 6-2013 IEC-62591/IEC-61158/IEC-61804
Wireless	BLE 4.0 , Distance 10 meters
Output Voltage	Voltage 21.6V , Max Current 45mA
Battery Capacity	2000mAh Lithium Polymer Battery
Battery Life	Power Transmitter with Use i595. – Loop Current 4mA : 8 hours – Loop Current 21mA : 4 hours Not Output Power : 16 hours
Charging Time	1A Current , 240 Minutes
Interface Protection	IEC 61000-4-2 , L4 (15KV Air Discharge) HART interface 1.5KV isolation
Dimensions	92mm x 70mm x 24mm (L x W x H)
Weight	150g
Operating Temp.	-20 °C ~ +50 °C
Environment Humi.	0 % ~ 95 % , No condensation

② Connect HART Transmitter

• **Use built-in 24V**   In general, you can directly use the built-in 24V/270Ω.
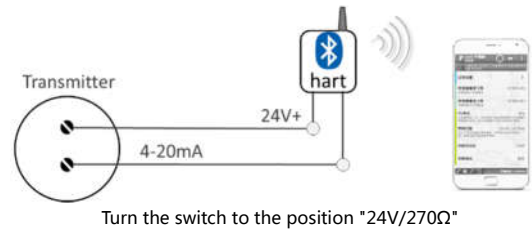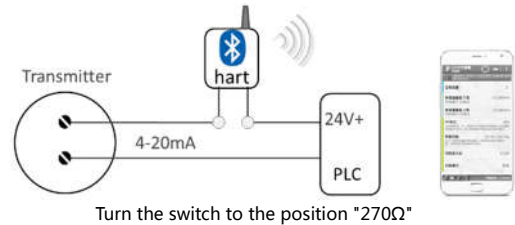

Turn the switch to the position "24V/270Ω"

• **Parallel mode**   Connect in parallel (loop resistance > 250Ω)
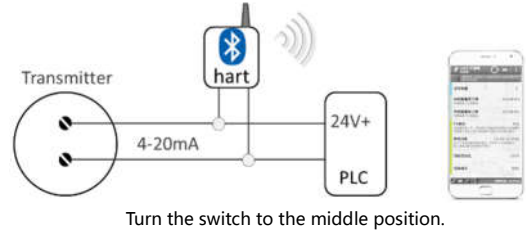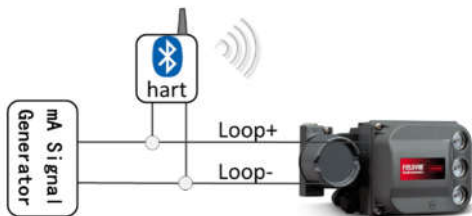

Turn the switch to the middle position.

• **Series Mode 1**   It is recommended to use series connection when the loop resistance < 250 ohms.

Turn the switch to the position "270Ω"

⑤ Supported transmitter list

Note: Universal HART parameters for all transmitter are supported, in addition to the advanced parameters of the following meters.

Vendor	Model
Rosemount	3051CD , 3051CG , 3051DP , 3051GP , 3051TG , 3051S , 8600D , 8800D , 8732E , 2088 , 248 , 3144 , Vortex , 8732C , 644
Micro Motion	1700、2700
E+H	• Promag 10D/10H10L10P/10W. 50D/50H/50L/50P/50W • Promass 40E/80A/80E/80F/80H/80I/80P/80S • Prowirl 72F/72W. t-mass 65I/65F. • Prosonic Flow 91W/93W.PMD 55/70/75, FMD 76/77/78, • TMT 182, FMR 240, FMR 25x, FMU 40, FEC 12. TMT72,TMT82
ABB/Siemens/Wika	2600T/TTX200/TTX300/ TH300/T32H
Yokogawa	DY Series、SE Series、EJA110A、EJA110E、EJA530
Fuji	FCX-A2 FCX-A3S
Fisher	DVC6000/DVC6200/DVC2000
Others	中锐、 华控、 山武、 浙大中控、朗博 LABOM 、 盛太克、川仪、 德尔森、 洛丁森、 立格、 威尔泰、上润、Wise 等