

RB107 Series - SS Case Multi-function Pressure Gauge

★ Use adjustable output signal

★ Setup able switches

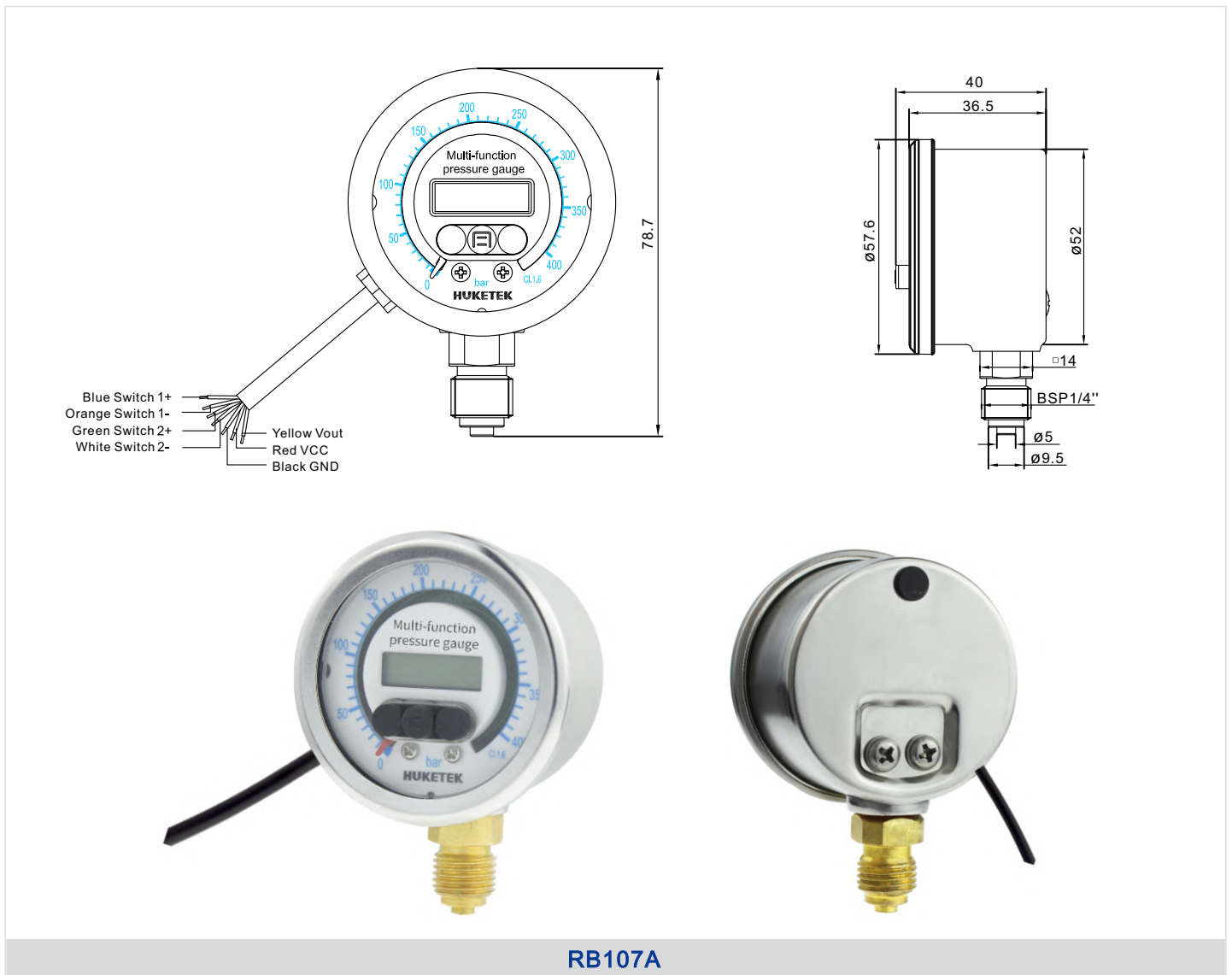
★ Digital Display

RB107 is a 3-in-1 solution, combining the function of a pressure sensor, a pressure gauge and a digital display.










Specification

Case	SS304, Polished	Connection	Brass NPT/BSP/BSPT/Metric
Ring	SS304, Polished	Thread Size	1/8", 1/4", 3/8", 1/2"
Window	Polycarbonate	Bourdon Tube	Brass
Movement	Brass	Accuracy	Mechanical: 1.6%/1.0%*
Dial	Plastic		Electrical: 1.0%/0.6%*
Pointer	PA66+30%GF	Pressure range	VAC~9PSI~15000PSI
Protection	IP67	Input	5v(Accept customized)
Switch current	< or =	Output	0.5~4.5v(User calibratable)

*90% of the gauges are 1.0%/0.6% accuracy under automated callibration technology even for 40mm.



Multi-function Pressure Gauge Instruction

Power on	Automatically after connect to power supply
Enter setup	 Press middle button 2 second, then press left or right button to select the item, middle button to enter.
Setup codes	1O= set pressure of switch 1 ON 1F= set pressure of switch 1 OFF 2O= set pressure of switch 2 ON 2F= set pressure of switch 2 OFF OUTL= set pressure for 0.5v output OUTH= set pressure for 4.5v output ESC= exit setup and return to pressure display
Switch setup (switch 1 for example)	 1. Find 1O
	 2. pressure middle button to enter 1O, then press left or right button to adjust pressure, and press middle button again to save and exit.
	 3. Find 1F
	 4. pressure middle button to enter 1F, then press left or right button to adjust pressure, and press middle button again to save and exit.
	Switch logic: 1) If ON pressure is lower than OFF pressure: when gauge pressure is lower than ON pressure, switch turns on, when gauge pressure is higher than OFF pressure, switch turns OFF. 2) If ON pressure is higher than OFF pressure: when gauge pressure is higher than ON pressure, switch turns on, when gauge pressure is lower than OFF pressure, switch turns OFF.
Output setup	 1. Find OUTL
	 2. pressure middle button to enter OUTL, then press left or right button to adjust pressure, and press middle button again to save and exit.
	 3. Find OUTH
	 4. pressure middle button to enter OUTH, then press left or right button to adjust pressure, and press middle button again to save and exit.
	After finish setup, system will adjust the output curve automatically.