



Barometric/ Temperature Transmitter

BRT-220N

RS-485 and 4 ~ 20 mA output

□ IP65 □ CE □ RoHS



Applications :

Weather observation, Energy development, Data buoys, Dynamometers, Data loggers Metrology labs, Environmental monitoring.

Specifications of BRT-220N

Measurement Range	Barometric pressure : 100 ~ 1,100 mbar Temperature : -30 ~ +700°C, 22 ~ +158°F	
Analog Output	DC 4 ~20mA (※at DC-9V, RL<10Ω ; DC-24V, RL<700Ω)	
Digital Output	RS-485 / Modbus / RTU	
Accuracy (at 23°C)	Barometric pressure (300 ~ 1,100 mbar)	Absolute Pressure ± 1.5 mbar (at +25°C) Relative Pressure ± 1.0 mbar (0 ~ +50°C) Relative Pressure ± 5.0 mbar (Beyond 0 ~ +50°C)
	Temperature	± 0.5°C+1 digit
Display	Digital LCD display	
Power Source	DC 9 ~ 32V, >150mA (Max. DC40V)	
Long-term Stability	< 1.0 mbar / year ※ According to pressure sensor	
Housing / Protection	IP65 rated for dust and Water intrusion	
Operating Environment	-40 ~ +70°C ; 0 ~ 100%RH	
Dimensions	128 × 80 × 50 mm (L×W×D)	
Weight	Approx. 210g	
Accessories	Cable gland, Mounting Kits, Instruction manual	
Approvals	IP65, CE, RoHS	

※Specifications are subject to change without notice.