



JUBOTECHNOLOGY

Product Options Manual

80G FM radar level sensor



Specifications: Lens plane anti-corrosion type	Process Connection: Flanges DN80-DN250
Model: JBRD-800FD-P	Medium temperature: -40°~100 °
Frequency range: 76~81GHZ	Process pressure: -0.1~1Mpa
Beam angle: 3 °	Measurement accuracy: ±1mm
Measurement range: 120 m	Protection level: IP68
Shell material: Aluminum casting/stainless steel	Explosion proof level: Ex d ia IIC T6 Gb
Power supply range: 18-28VDC	Bluetooth debugging: Optional
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Strong corrosive liquid, stirring, water vapor condensation	

80G FM radar level sensor



Specifications: Heat dissipation plane anti-corrosion type	Process Connection: Flanges DN80-DN250
Model: JBRD-800FD	Medium temperature: -40°~220°
Frequency range: 76~81GHZ	Process pressure: -1~3Mpa
Beam angle: 3°	Measurement accuracy: ±1mm
Measurement range: 120m	Protection level: IP68
Shell material: Aluminum casting/stainless steel	Explosion proof level: Ex d ia IIC T6 Gb
Power supply range: 18-28VDC	Bluetooth debugging: Optional
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: High temperature environment, highly corrosive liquid, stirring, water vapor condensation,foam	

80G FM radar level sensor



Specifications: PTFE anticorrosive heat dissipation type	Process Connection: Flanges DN80-DN250
Model: JBRD-800FD-FP	Medium temperature: -40°~220°
Frequency range: 76~81GHZ	Process pressure: -0.1~0.1mpa
Beam angle: 3°	Measurement accuracy: ±1mm
Measurement range: 120m	Protection level: IP68
Shell material: Aluminum casting/stainless steel	Explosion proof level: Ex d ia IIC T6 Gb
Power supply range: 18-28VDC	Bluetooth debugging: Optional
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: High temperature environment, highly corrosive liquid, stirring, water vapor condensation,foam	

80G FM radar level gauge



Specifications: 3.5 inch threaded model	Process Connection: Flanges DN80-DN250, threaded,bracket
Model: JBRD-800CD	Medium temperature: -40°~100°
Frequency range: 76~81GHZ	Process pressure: -0.1~0.5mpa
Beam angle: 3°	Measurement accuracy: ±1mm
Measurement range: 120m	Protection level: IP68
Shell material: Aluminum casting/stainless steel	Explosion proof level: Ex d ia IIC T6 Gb
Power supply range: 18-28VDC	Bluetooth debugging: Optional
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Slightly corrosive liquid, stirring, water vapor condensation	

80G FM radar level meter



Specifications: Adjustable angle purge type	Process Connection: Universal Flanges DN80-DN250
Model: JBRD-800CD-W	Medium temperature: -40°~120 °
Frequency range: 76~81GHZ	Process pressure: -0.1~0.3Mpa
Beam angle: 3 °	Measurement accuracy: ±1mm
Measurement range: 120m	Protection level: IP68
Shell material: Aluminum casting/stainless steel	Explosion proof level: Ex d ia IIC T6 Gb
Power supply range: 18-28VDC	Bluetooth debugging: Optional
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Strong dust, solid, blocky, powder	

80G FM radar level meter



Specifications: High-temperature Adjustable angle purge type	Process Connection: Universal Flanges DN80-DN250
Model: JBRD-800CD-GW	Medium temperature: -40°~220°
Frequency range: 76~81GHZ	Process pressure: -0.1~0.3Mpa
Beam angle: 3°	Measurement accuracy: ±1mm
Measurement range: 120m	Protection level: IP68
Shell material: Aluminum casting/stainless steel	Explosion proof level: Ex d ia IIC T6 Gb
Power supply range: 18-28VDC	Bluetooth debugging: Optional
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Strong dust, solid, block, powder, etc	

80G FM radar level sensor



Specifications: 1.5 inch threaded model	Process Connection: Flanges DN40-DN65,threaded,bracket
Model: JBRD-800CX	Medium temperature: -40°~80° (No steam)
Frequency range: 76~81GHZ	Process pressure: -0.1~0.5mpa
Beam angle: 6°	Measurement accuracy: ±1mm
Measurement range: 120m	Protection level: IP68
Shell material: Aluminum casting/stainless steel	Explosion proof level: Ex d ia IIC T6 Gb
Power supply range: 18-28VDC	Bluetooth debugging: Optional
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Slightly corrosive liquid.stirring	

80G FM radar level gauge



Specifications: 1.5 inch small lens anti-corrosion	Process Connection: Flanges DN40-DN65
Model: JBRD-800FX-P	Medium temperature: -40°~80° (No steam)
Frequency range: 76~81GHZ	Process pressure: -0.1~1.6mpa
Beam angle: 6°	Measurement accuracy: ±1mm
Measurement range: 120m	Protection level: IP68
Shell material: Aluminum casting/stainless steel	Explosion proof level: Ex d ia IIC T6 Gb
Power supply range: 18-28VDC	Bluetooth debugging: Optional
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Strong corrosive liquid, stirring	

80G FM radar level gauge



Specifications: 1.5 inch heat dissipation small lens anti-corrosion	Process Connection: Flanges DN40-DN65
Model: JBRD-800FX-GP	Medium temperature: -40°~220° (No steam)
Frequency range: 76~81GHZ	Process pressure: -0.1~1.6mpa
Beam angle: 6 °	Measurement accuracy: ±1mm
Measurement range: 120m	Protection level: IP68
Shell material: Aluminum casting/stainless steel	Explosion proof level: Ex d ia IIC T6 Gb
Power supply range: 18-28VDC	Bluetooth debugging: Optional
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Strong corrosive liquid, stirring, High temperature working conditions (solid/liquid)	

80G FM radar level sensor



Specifications: High Temperature Radar Level Meter	Process Connection: Flanges DN80-DN250
Model: JBRD-800DGWGY	Medium temperature: -40°~1100°
Frequency range: 76~81GHZ	Process pressure: -0.5~3Mpa
Beam angle: 3°	Measurement accuracy: ±1mm
Measurement range: 120m	Protection level: IP68
Thermal Material: Iron/stainless steel	Explosion proof level: Ex d ia IIC T6 Gb
Power supply range: 18-28VDC	Bluetooth debugging: Optional
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Various high-temperature environments (solid, liquid)	

80G frequency modulation radar water level gauge



Specifications: Radar water level gauge	Process Connection: Bracket, threaded
Model: JBRD-800SW	Medium temperature: -40°~75°
Frequency range: 76~81GHZ	Process pressure: -0.1~0.1Mpa
Beam angle: 6°	Measurement accuracy: ±1mm
Measurement range: 65m	Protection level: IP68
Shell material: PP/stainless steel	Bluetooth debugging: Optional
Output signal: 4-20mA/HART (two wire)	
Application scope: Rivers, lakes, reservoirs, reservoirs, water levels	

80G frequency modulation radar water level gauge



Specifications: Radar water level gauge	Process Connection: Bracket, threaded
Model: JBRD-800SW	Medium temperature: -40°~75°
Frequency range: 76~81GHZ	Process pressure: -0.1~0.1Mpa
Beam angle: 6°	Measurement accuracy: ±1mm
Measurement range: 65m	Protection level: IP68
Shell material: PP/stainless steel	Bluetooth debugging: Optional
Output signal: RS485/Modbus (four wire)	
Application scope: Rivers, lakes, reservoirs, reservoirs, water levels	

26GHZ radar level gauge



Specifications: Horn antenna radar level gauge	Process Connection: Flange
Model: JBRD-801FB	Medium temperature: -40°~120°
Frequency range: 26GHZ	Process pressure: -0.1~0.1Mpa
Beam angle: 8°	Measurement accuracy: ±5mm
Measurement range: 20m	Protection level: IP67
Power supply range: 18-28VDC	Explosion proof level: Ex d ia IIC T6 Gb
Shell material: Aluminum casting/stainless steel	
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Corrosive liquids	

26GHZ radar level gauge



Specifications: Horn antenna radar level gauge	Process Connection: Flange
Model: JBRD-802GL	Medium temperature: -40°~120°
Frequency range: 26GHZ	Process pressure: -0.1~0.3Mpa
Beam angle: 8°	Measurement accuracy: ±3mm
Measurement range: 70m	Protection level: IP67
Power supply range: 18-28VDC	Explosion proof level: Ex d ia IIC T6 Gb
Shell material: Aluminum casting/stainless steel	
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Slightly corrosive liquid	

26GHZ radar level meter



Specifications: Horn antenna Adjustable angle purge type	Process Connection: Universal Flanges
Model: JBRD-803GL	Medium temperature: -40°~120°
Frequency range: 26GHZ	Process pressure: -0.1~0.3Mpa
Beam angle: 8°	Measurement accuracy: ±3mm
Measurement range: 70m	Protection level: IP67
Power supply range: 18-28VDC	Explosion proof level: Ex d ia IIC T6 Gb
Shell material: Aluminum casting/stainless steel	
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Strong dust, solid, block, powder	

26GHZ radar level meter



Specifications: Radar level gauge for PFA drums	Process Connection: Threaded, Flange
Model: JBRD-808FT	Medium temperature: -40°~150°
Frequency range: 26GHZ	Process pressure: -0.1~0.1Mpa
Beam angle: 8°	Measurement accuracy: ±3mm
Measurement range: 30m	Protection level: IP67
Power supply range: 18-28VDC	Explosion proof level: Ex d ia IIC T6 Gb
Shell material: Aluminum casting/stainless steel	
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Strongly corrosive liquids, water vapor condensation	

26GHZ radar level meter



Specifications: Parabolic radar level gauge	Process Connection: Universal flange
Model: JBRD-804CGP	Medium temperature: -40°~200°
Frequency range: 26GHZ	Process pressure: -0.1~0.3Mpa
Beam angle: 4°	Measurement accuracy: ±3mm
Measurement range: 70m	Protection level: IP67
Power supply range: 18-28VDC	Explosion proof level: Ex d ia IIC T6 Gb
Shell material: Aluminum casting/stainless steel	
Output signal: 4-20mA/Hart (two wire/four wire) RS485/Modbus	
Application scope: Strong dust, solid, blocky, powder	

Radar flowmeter



Specifications: Radar flowmeter	Measurement blind spots: 8cm
Model: JBRD-600LL	Medium temperature: -30°~70°
Speed measurement pitch angle: Automatic compensation 0°-80°	Installation method: support
Speed measurement antenna beam angle: 12°*25°	Measurement accuracy: ±1mm
Velocimetry range: 0.1m/s~30m/s	Distance measuring antenna beam angle: 6 °
Shell material: aluminum alloy	Power supply range: 9~28VDC
Measurement range: 60m	Working current: Current 20ma@12v
Size (mm): 142mm*84mm*94mm	
Communication method: RS485/Modbus, Bluetooth debugging	
Application scope: Rivers and Lakes, hydrological monitoring, urban waterlogging	

Radar flowmeter



Specifications:Radar flowmeter	Measurement blind spots:0.4m
Model:JBRD-600LL	Medium temperature:-40°~85°
Speed measurement pitch angle: Automatic angle correction 30°-60°	Installation method:support
Speed measurement antenna beam angle:14 °*32 °	Measurement accuracy:±1cm
Velocimetry range: 0.1m/s~25m/s	Distance measuring antenna beam angle: 11°
Shell material: aluminum alloy	Power supply range:9~28VDC
Measurement range: 40m	Working current: Current 23ma@12v
Size (mm): 220mm*120mm*84mm	
Communication method: RS485/Modbus/Custom Protocol	
Application scope: Rivers and Lakes, hydrological monitoring, urban waterlogging	

24GHz Radar velocimeter



Specifications:Radar velocimeter	Process Connection: support
Model:JBRD-600LS	Medium temperature:-30°~80°
Transmission frequency:24. 15GHz (center)	Size (mm): 110x110x46
Beam angle: 12 °*25 °	Measurement accuracy: ±0.01m/s
Measurement range: 0.1m/s~30m/s	Protection level: IP68
Shell material: aluminum alloy	Power supply range:9~28VDC
Communication method: RS485/Modbus, Bluetooth debugging	
Application scope: Detection of water flow velocity in natural rivers and irrigation channels, which can be combined with water level detection for Hydrological monitoring	

Ultrasonic liquid level sensor



Specifications: Ultrasonic liquid level sensor	Process Connection: Thread, Bracket and flange
Model: JB-300CG	Medium temperature: 20°C~50°C
Place of Origin: Hebei, China	Measurement accuracy: ±0.25%FS(3-20m)
Output: 4-20mA, RS485/Modbus	Protection level: IP65
Shell material: ABS	Power supply range: 12-24VDC/220V
Measurement range: 0-20m(Ordering and purchasing)	
Probe material: ABS/PTFE(anticorrosive)	
Application scope: Liquid	