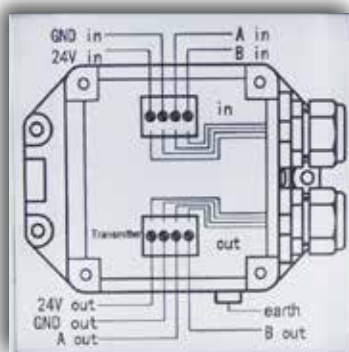


MODEL GP-JB JUNCTION BOX



Standard configurations shown.
Please consult factory for other options.

PRODUCT OVERVIEW:

The Model GP-JB Junction Box with Lightning Protection offers a reliable termination point for level or pressure transmitter cables. Engineered for outdoor use, the Model GP-JB ensures a dry termination environment, features built-in lightning protection, and includes an integral vent for barometric reference. The internal lightning protection safeguards level transmitters from potential damage caused by electrical surges, making it ideal for areas prone to such hazards.

FEATURES:

- Suitable for 4-20mA Current Loop
- Prevents Transmitter Damage Due to Lightning
- Housing Protection to IP65/Nema 4X
- Strain Relief Seals for Cable Entry and Exit
- Integral Vent for Barometric Reference
- Internal Terminal Block for Electrical Hookup
- Both DIN Rail and Panel Mount Options

APPLICATIONS:

- Oil & Gas
- Industrial Automation
- Water Treatment
- Communications
- Wind Power Generation

SPECIFICATIONS:

- Max. flow of RS485 signal interface: $\geq 5\text{kA}$ (8/20 μs wave)
- Max. flow of 4~20mA channel: $\geq 10\text{kA}$ (8/20 μs wave)
- Operation temperature: $-40\text{ }^{\circ}\text{C} \sim 80\text{ }^{\circ}\text{C}$
- Limited voltage:
 - (4~20mA channel) 2-wire to the earth 28V, (4~20mA channel) between 2-wire 28V
 - (RS485) 2-wire to the earth -7V~12V (RS485) between 2-wire 6.5V, (RS485 channel) $< 120\text{mA}$
- Max. working current: (4~20mA channel) $< 40\text{mA}$
- Installation: 3 bolts fixing / fixed by lead rail