

## Analog Junction Box

### FEATURES

- Connection of 4 to 10 load cells
- Robust enclosure with cable glands sealed to IP67
- Easy trimming via resistors or potentiometers
- Integrated surge protection devices
- Strain relief cable fittings
- EMC compatibility



### APPLICATIONS

- Truck scales/weighbridges
- Floor scales
- Tanks and silos

### DESCRIPTION

VTAJB family of analog junction boxes supplement the VT indicators family line. It offers easy connection of 4 to 10 load cells in a platform, with output trimming, surge protection and meeting EMC compatibility requirements.

SPECIFICATIONS	
<b>GENERAL</b>	
<b>Electromagnetic compatibility</b>	Compliant with EN45501
<b>Connectors</b>	Screw terminals
<b>Trimming</b>	Signal trim by resistors or potentiometer (max. 20Ω), both available in every box
<b>Surge protection</b>	90V clamp. Withstands up to 20 kV and up to 10 kA
<b>Temperature range</b>	-10 to +60°C
<b>AJB-4</b>	
<b>Enclosure</b>	Stainless steel
<b>External dimensions (mm)</b>	199 x 106 x 43.7 (L x W x H)
<b>Protection class</b>	IP67
<b>Cable fittings</b>	Stainless steel cable glands PG9 (cable diameter 3–9 mm)
<b>AJB-6</b>	
<b>Enclosure</b>	Stainless steel or Aluminum
<b>External dimensions (mm)</b>	Stainless steel: 199 x 106 x 43.7 (L x W x H); Aluminum: 240 x 200 x 80 (L x W x H)
<b>Protection class</b>	Stainless steel enclosure: IP67; Aluminum enclosure: IP65
<b>Cable fittings (Stainless steel)</b>	Stainless steel cable glands PG9 (cable diameter 3–9 mm)
<b>Cable fittings (Aluminum)</b>	Plastic cable glands PG11 (cable diameter 6–12 mm)
<b>AJB-8</b>	
<b>Enclosure</b>	Aluminum or Polyester
<b>External dimensions (mm)</b>	Aluminum: 240 x 200 x 80 (L x W x H); Polyester : 120 x 318 x 80 (L x W x H)
<b>Protection class</b>	IP65
<b>Cable fittings</b>	Plastic cable glands PG11 (cable diameter 6–12 mm)
<b>AJB-10</b>	
<b>Enclosure</b>	Polyester
<b>External dimensions (mm)</b>	120 x 318 x 80 (L x W x H))
<b>Protection class</b>	IP65
<b>Cable fittings</b>	Plastic cable glands PG11 (cable diameter 6–12 mm)

All specifications subject to change without notice.