Model VTAJB-4/6/8/10

Revere

VPG force sensors
Celtron • Revere • Sensortronics • Tedea-Huntleigh

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

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

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

All specifications subject to change without notice.

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