

Analog Junction Box



FEATURES

- Connection of 1 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

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.

APPLICATIONS

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

Analog Junction Box

SPECIFICATIONS	
GENERAL	
Electromagnetic compatibility:	Compliant with EN45501
Connectors	Screw terminals
Trimming	Signal trim by resistors or potentiometer (max. 20 Ohm), both available in every box
Surge protection	90V clamp. Withstands up to 20kV and up to 10kA
Temperature range	-10 to +60°C
AJB-4	
Enclosure	Stainless steel
External dimensions (mm)	199 x106 x 43.7 (LxWxH)
Protection class	IP67
Cable fittings	Stainless steel cable glands PG9 (cable diameter 3-9mm)
AJB-6	
Enclosure	Stainless steel or Aluminum
External dimensions (mm)	Stainless steel: 199 x106 x 43.7 (LxWxH) Aluminum: 240 x 200 x 80 (LxWxH)
Protection class	Stainless steel enclosure: IP67 Aluminum enclosure: IP65
Cable fittings (Stainless steel)	Stainless steel cable glands PG9 (cable diameter 3-9mm)
Cable fittings (Aluminum)	Plastic cable glands PG11 (cable diameter 6-12mm)
AJB-8	
Enclosure	Aluminum or Polyester
External dimensions (mm)	Aluminum: 240 x 200 x 80 (LxWxH) Polyester : 120 x 318 x 80 (LxWxH)
Protection class	IP65
Cable fittings	Plastic cable glands PG11 (cable diameter 6-12mm)
AJB-10	
Enclosure	Polyester
External dimensions (mm)	120 x 318 x 80 (LxWxH)
Protection class	IP65
Cable fittings	Plastic cable glands PG11 (cable diameter 6-12mm)

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