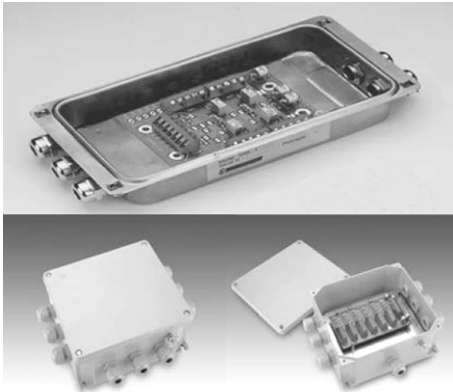


Analog Junction Box



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

**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)

VISHAY TRANSDUCERS (VT) SALES OFFICES

VT Americas
City of Industry, CA
PH: +1-626-858-8899
FAX: +1-626-332-3418
vt.us@vishaymg.com

VT Netherlands
Breda
PH: +31-76-548-0700
FAX: +31-76-541-2854
vt.nl@vishaymg.com

VMG UK
Basingstoke
PH: +44-125-646-2131
FAX: +44-125-647-1441
vt.uk@vishaymg.com

VMG Israel
Netanya
PH: +972-9-863-8888
FAX: +972-9-863-8800
vt.il@vishaymg.com

VMG Germany
Heilbronn
PH: +49-7131-3901-260
FAX: +49-7131-3901-2666
vt.de@vishaymg.com

VT China
Tianjin
PH: +86-22-2835-3503
FAX: +86-22-2835-7261
vt.prc@vishaymg.com

VMG France
Chartres
PH: +33-2-37-33-31-20
FAX: +33-2-37-33-31-29
vt.fr@vishaymg.com

VT Taiwan*
Taipei
PH: +886-2-2696-0168
FAX: +886-2-2696-4965
vt.roc@vishaymg.com
*Asia except China