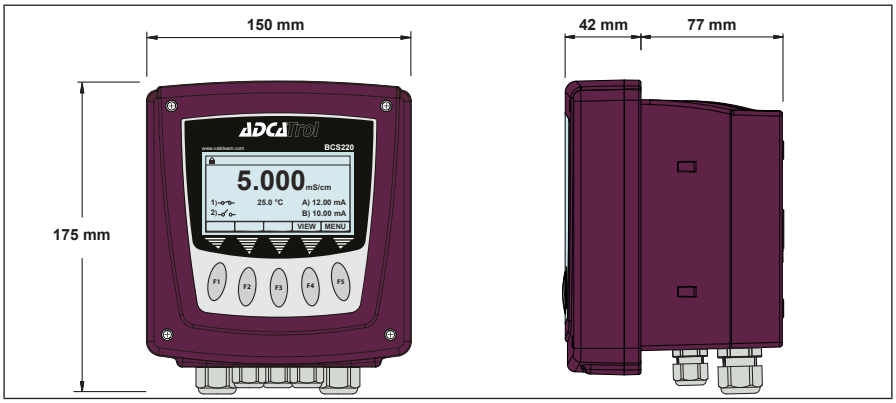
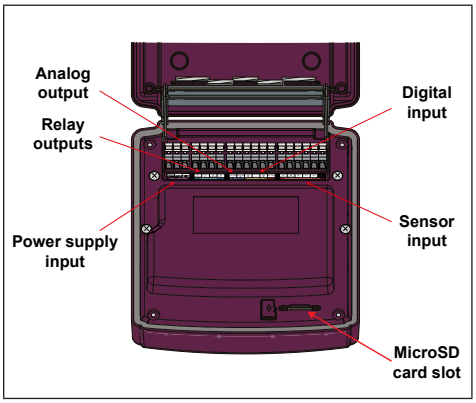
BLOWDOWN CONTROLLER
BCS220
QUICK START GUIDE

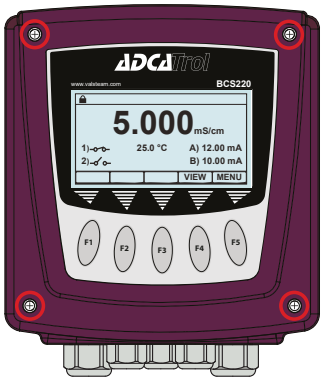
DIMENSIONS



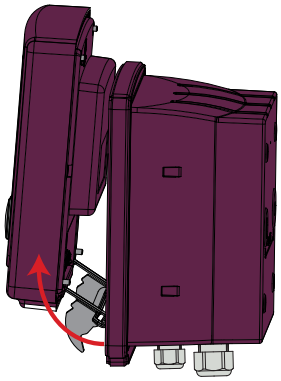
OVERVIEW



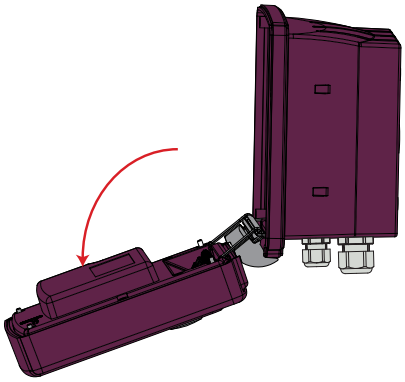
OPENING INSTRUCTIONS



1. Undo four captive screws as highlighted.



2. Lift front up and forward.

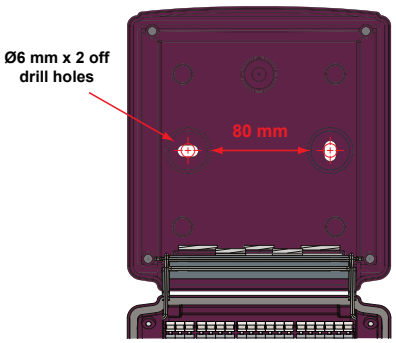


3. Rotate front down until hinge locks under the rear and front is supported.

Remark: to close, repeat process in reverse, folding the hinge into the rear.

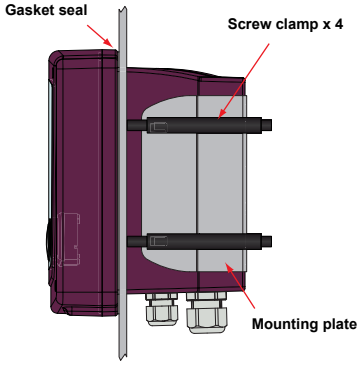
MOUNTING INSTRUCTIONS

SURFACE MOUNTING



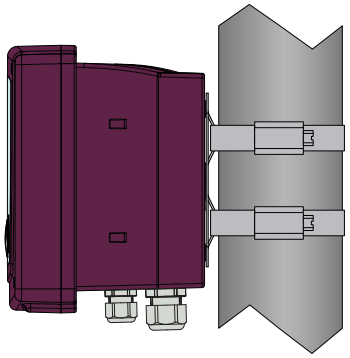
- Use 4,8 x 32 mm round head screws or similar for mounting.
- Care must be taken when fitting the instrument on uneven walls or surfaces.
- Once installed make sure accompanying IP protection plugs are installed over the mounting holes on the inside rear of the enclosure.

PANEL MOUNTING (138 mm SQ. CUTOUT) (REQUIRES PAMK MOUNT. KIT)



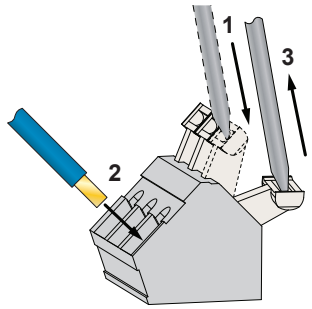
- Fit the gasket seal into the groove on the back of the instrument front.
- Attach the mounting plate to the rear of the instrument with the supplied screws.
- To pass the instrument rear through the panel cutout remove cable glands.
- Use the 4 supplied screw clamps to affix the instrument to the panel.

PIPE MOUNTING (50 to 100 mm PIPE OD) (REQUIRES PIMK MOUNT. KIT)



- Attach the mounting plate to the rear of the case with the supplied screws.
- Pass the supplied mounting straps through the plate loops and tighten the round pipe as required.
- Fit the accompanying IP protection plugs over the internal mounting holes on the inside rear of the enclosure.

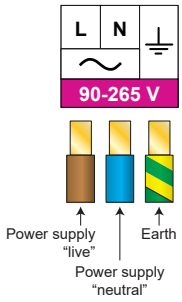
PUSH TERMINAL OPERATION



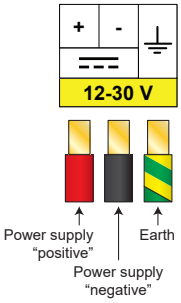
Use a 3,5 mm slotted screwdriver or similar.

POWER SUPPLY CONNECTIONS

90 to 265 V AC



12 to 30 V DC



CAUTION

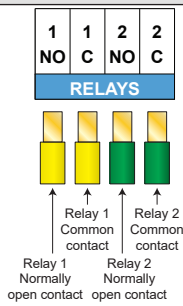
Always remove the main power from the system before performing any alterations to the wiring. Ensure that both power lines are isolated. Make sure that the power cannot be switched on by accident whilst the instrument is being connected.
Local wiring and safety regulations should be strictly adhered to when installing this instrument.

NOTE

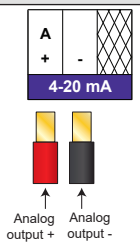
Consult the label on the bottom of the instrument for information on supply voltage requirements.

GENERAL CONNECTIONS

RELAY OUTPUTS

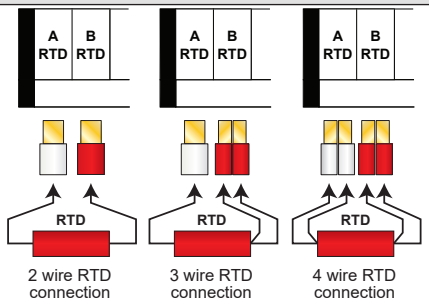


ANALOG OUTPUT



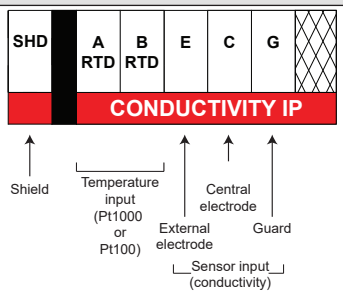
DIGITAL INPUT

TEMPERATURE INPUT

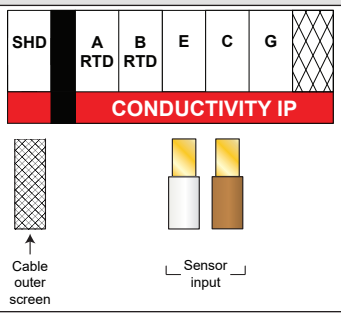


CONDUCTIVITY INPUT CONNECTIONS

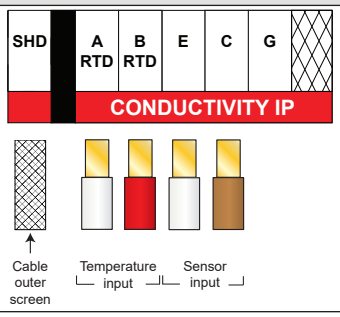
OVERVIEW



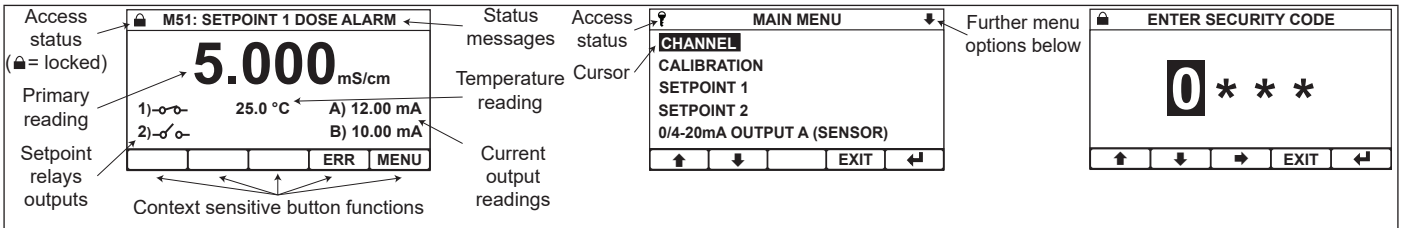
CONDUCTIVITY PROBE W/O RTD



CONDUCTIVITY PROBE W/ RTD



USER INTERFACE OVERVIEW



FRONT LAYOUT | MENU LAYOUT | SECURITY ACCESS

FLASHING DISPLAY BACKLIGHT

The ADCATrol BCS220 controller features an informative display backlight system that will flash to indicate to the user that there is a problem with the instrument. Pressing any of the buttons on the instrument will pause the flashing until either the fault has been cleared or 2½ minutes have elapsed without pressing any further buttons.

SECURITY ACCESS

To protect the instrument setup from unauthorised or accidental tampering, a security access code system is present. This is implemented via the instrument's menu system which operates in two modes, "locked" as indicated by a padlock symbol and "unlocked" as indicated by a key symbol. Once unlocked, If the instrument is not used for a period of 2½ minutes it will automatically relock itself.

The default access code is: 1000

For configuration and calibration information please consult the Information Sheets (IS) and Instalation and Maintenance instructions (IMI) available online at:
https://www.valsteam.com/en/resources/download-center