

# Instruction Sheet

## Rugged TROLL® Com Communication Device

Catalog Number 0091990 (USB Model), 0091980 (RS232 Model)

### APPLICATION

Use as a communication interface between a Rugged TROLL® 200 or Rugged BaroTROLL® instrument and a desktop/laptop computer or RuggedReader® handheld PC (includes RS485-RS232 converter). An internal 9 V alkaline battery powers the Rugged TROLL® Com, but it does not provide power to the Rugged TROLL 200 or Rugged BaroTROLL instrument. The Rugged TROLL Com device connects to the uphole end of the cable connector for programming the Rugged TROLL 200 or Rugged BaroTROLL. The Rugged TROLL Com also is used to download data or to view real-time readings.



**DO NOT SUBMERGE THE RUGGED TROLL COM DEVICE.**

### PHYSICAL DESCRIPTION

Materials	ABS
Environmental rating	IP67 with battery cover closed
Dimensions	3.5 x 1.14 x 1.88 in (8.89 x 2.89 x 4.78 cm) (L x W x H)
Input connection	RS485 Modbus
Output connection	RS232 or USB
Power source	9 V alkaline battery, user-replaceable
Cable	Black polyurethane, 3 ft (91 cm) long
Operating temperature	-4° F to 122° F (-20° C to 50° C)
Storage temperature	-4° F to 176° F (-20° C to 80° C)

### BATTERY INSTALLATION

1. Open the battery compartment door.
2. Slide the 9 V alkaline battery into the battery compartment so that the battery terminals point outward. Lift the battery up slightly and attach the battery leads to the battery terminals.

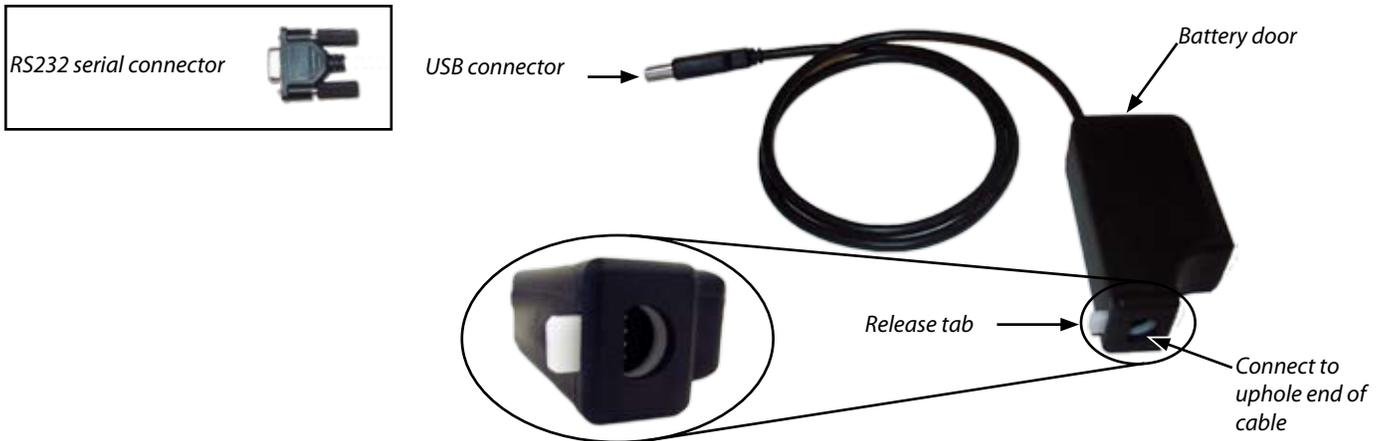


3. Push the battery into the compartment.



4. Close the battery compartment door.

## CONNECTIONS



1. Attach the Rugged TROLL Com to the Rugged TROLL 200 cable via snap-on connection to the uphole end of the cable.
2. Connect the RS232 serial connector or USB connector to the PC or RuggedReader handheld PC (RS232 serial connector only).



*The Rugged TROLL 200 and Rugged BaroTROLL instruments require a minimum of 8 VDC. If you lose connection to your instrument, particularly over long cable lengths, replace the 9 V battery.*



*Release the connection to the uphole cable end by pushing the white tab.*



**In-Situ Inc.**

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