



AANDERAA INSTRUMENTS

DATA COLLECTING INSTRUMENTS FOR LAND SEA AND AIR



DECK UNIT 3127

with output in RS-232C ASCII code.

A unit to display raw data and convert 10 bit PDC-4 standard Aanderaa code to RS-232C code.

This portable field service equipment will display the received PDC-4 raw data and enable interconnection with auxiliary equipment accepting data in RS-232C format.

Deck Unit 3127 is molded in polyurethane foam and protected by an anodized aluminum housing. Watertight receptacles provide easy hook-up of input and output signals and external power.

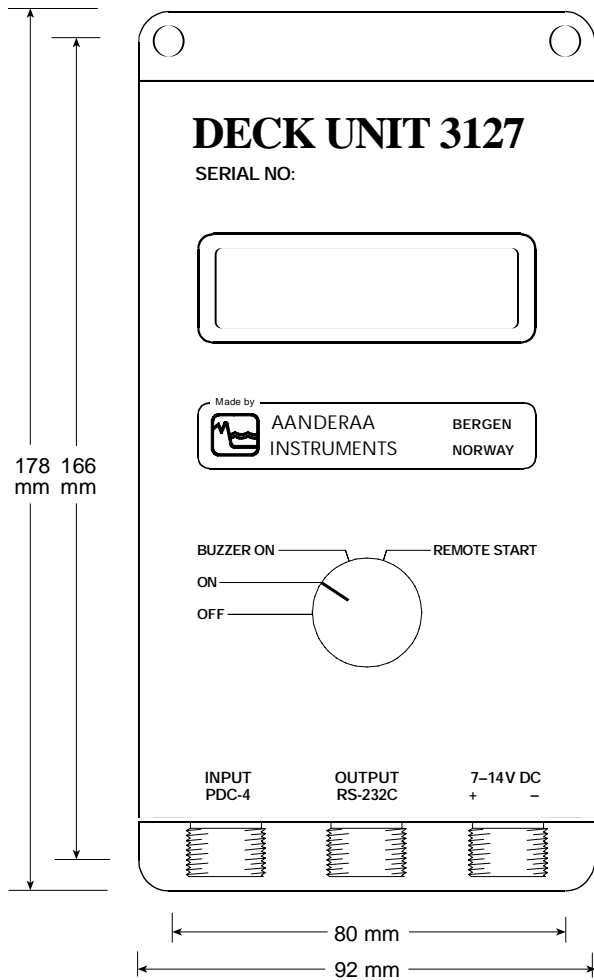
The unit is fully solid state. The electronic parts, plugs and LCD are placed on a single board. It is furnished with a selector switch for "ON", "Buzzer On", and "Remote Start". When using

Remote Start the instrument to be triggered must be in Remote Start mode. The unit is powered either by external 7–14 volt or an internal battery.

The 10-bit input signals are tested and only data that is in accordance with specifications is routed to the RS-232C receptacle. This feature will reject any possible noise signals and only high quality data is presented.

The unit is delivered with a three meter signal input cable part no. 2842F, an AC/DC Adapter 220/12VDC and an RS-232C Data Output Cable, part no. 3016C.

SPECIFICATIONS FOR DECK UNIT 3127

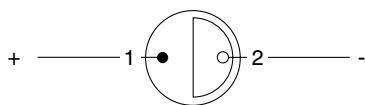


- Input Signal:** Aanderaa 10-bit binary code, PDC-4
- Output Signals:** RS-232C asynchronous code
ASCII characters at 1200 baud, 8 data bits, no parity and 2 stop bits
- Operating Temperature:** -15 to +50°C
- Current Consumption:** 18 mA. With Buzzer: 20mA
- Supply Voltage:** 9V Lithium battery (internal) or 7 to 14V external supply
- Electrical Connection:** 6-pin receptacle, mating Watertight Plug 2828
2-pin receptacle, mating Watertight Plug 2979
- Materials and Finish:** Hard anodized aluminum. Low density polyurethane
- Size:** 92x 178x 28 mm
- Net Weight:** 400 grams
- Packing:** Cardboard box
- Warranty:** Two years against faulty materials and workmanship
- Accessories (included):** Connecting Cable 2842F
RS-232C Data Output Cable 3016C
(optional): AC/DC Adapter 3786

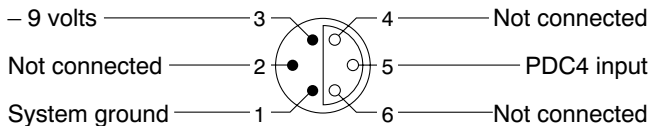
PIN CONFIGURATION

Receptacle, exterior view; pin = ●; bushing = ○

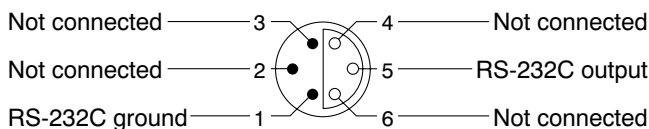
POWER INPUT, 7-14V DC



INPUT PDC4



OUTPUT RS-232C



SERIAL OUTPUT FORMAT

One Data Word, 7 characters							Fault
1	2	3	4	5	6	7	Synch
READING				Space	Space	Null	No fault, no Synch
(any number from 0000 to 1023)				Space	CR	LF	No fault, Synch
				*	Space	Null	Fault, no Synch
				*	CR	LF	Fault, Synch

Representative's Stamp

Latest version is on the Internet

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