



English version 1.0  
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**CALYPSO**  
i n s t r u m e n t s

www.calypsoinstruments.com

# CALYPSO

# WEATHERDOT

## Developer Manual

### Notes:

- Firmware versions compatible: 2.0 and above

### Device Information Service

- Service UUID: 0x180A
- 0x2A29 Manufacturer Name String (Calypso)
- 0x2A24 Model Number String (WD10)
- 0x2A25 Serial Number String (Not used)
- 0x2A27 Hardware Revision String (Not used)
- 0x2A26 Firmware Revision String (2.00)
- 0x2A28 Software Revision String (1.00)

## Data\_Service

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### Environmental Calculations: Notify & Read

UUID: 0x181A

Pressure

UUID: 0x2A6D

Temperature

UUID: 0x2A6E

Humidity

UUID: 0x2A6F

### Environmental Sensing Service (UUID 0x181A)

Pressure, (UUID 0x2A6D)

2 bytes little endian, unsigned short(uint32).

Pressure in Pa \*10

(example: 90 89 01 00 => 100752.0 Pa)

Temperature (UUID 0x2A6E)

2 bytes little endian, unsigned short (uint16).

Temperature in Celsius \* 1

(example: 1C 09 => 23.32°C)

Humidity (UUID 0x2A6F)

2 bytes little endian, unsigned short(uint16).

Humidity in % \* 100

(example: 2A => 42 => 42.00 %)







