getCDiff

Get the calibrated position difference of the Herkulex motor

Contents

Syntax

```
CDiff = getCDiff(sObject,pID)
```

Description

CDiff = getCDiff(sObject, pID) gets the absolute and calibrated position of the motor and compute calibrated difference.

- Formula: Calibrated Difference = Absolute Position - Calibrated Position
- EEP address for calibrated difference: 0x35(53).

Input Arguments

- sObject - serial port object
- pID - integer

Output Arguments

- CDiff - integer

Function Codes

```matlab
function CDiff = getCDiff(sObject, pID)

    % Get absolute position

    Pos = getPos(sObject,pID);



    % Get calibrated position
```

```
    CPos = getCPos(sObject,pID);



    CDiff = Pos - CPos;

end
```