```
+-----------------------------------+
|       BaseExternalSensor          |
+-----------------------------------+
|                                   |
+-----------------------------------+
| + BaseExternalSensor()            |
| + begin()                         |
| + read()                          |
| + read()                          |
+-----------------------------------+
                 △
                 │
+-----------------------------------+
|     ExternalSensor< NDIR          |
|           _I2C >                   |
+-----------------------------------+
| - sensor                          |
+-----------------------------------+
| + ExternalSensor()                |
| + begin()                         |
| + read()                          |
+-----------------------------------+
```