**Command list**

Note:

~ denotes commands containing information or warnings

/ denotes commands that will be executed

|  |  |  |
| --- | --- | --- |
| Command | Command type | Description |
| 0 | Movement | Stop |
| 1 | Movement | Start |
| 2 XXX | Movement | Change base speed to XXX |
| 3 XXX | Movement | Change I gain to XXXXX |
| 4 XXXXX |  | Change P gain to XXXXX |
| 5 XXXXX |  | Change D gain to XXXXX |
|  |  |  |
| 6XXX | Information | Obstacle detected at distance XX |
| 7 | Information | Confirmation of updated variable |
| 8XXX | Information | Motor power XXX |
| 9 | Information | Move command received |
| 10 | Information | Stop command received |
| 11X | Information | Detected colour number X |
|  |  |  |
|  |  |  |
| 20 | Error | Unrecognised command received |