|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Steering** | | | | | | |  |
| **Resolution** | **Max.** | | | **Min.** | **Type** | **Variable** |
| 1 | 100 | | | 0 | uint8\_t | gu8i\_MotorSpeed | **Inputs of**  **Steering Module** |
| **Range** | | | | | uint8\_t | gu8i\_MotorDirection |
| * STATE\_MOTOR\_STOP * STATE\_MOTOR\_FORWARD * STATE\_MOTOR\_BACKWARD * STATE\_MOTOR\_RIGHT * STATE\_MOTOR\_LEFT | | | | |
| - | | - | - | | - | - | **Outputs of**  **Steering Module** |
| **Sensing** | | | | | | |  |
| **Resolution** | **Max.** | | | **Min.** | **Type** | **Variable** |
| **-** | **-** | | | **-** | **-** | **-** | **Inputs to**  **Sensing Module** |
| 2.176 | 400 | | | 2 | float32\_t | gf32o\_SensorDistance | **Outputs of**  **Sensing Module** |
| **Displaying** | | | | | | |  |
| **Resolution** | **Max.** | | | **Min.** | **Type** | **Variable** |  |
| 2.176 | 400 | | | 2 | float32\_t | gf32i\_SensorDistance | **Inputs to**  **Displaying Module** |
| **-** | **-** | | | **-** | **-** | **-** | **Outputs of**  **Displaying Module** |
| **Crashing** | | | | | | |  |
| **Resolution** | **Max.** | | | **Min.** | **Type** | **Variable** |  |
| 2.176 | 400 | | | 2 | float32\_t | gf32i\_SensorDistance | **Inputs to**  **Crashing Module** |
| 1 | 100 | | | 0 | uint8\_t | gu8o\_MotorSpeed | **Outputs of Crashing Module** |
| **Range** | | | | | uint8\_t | gu8o\_MotorDirection |
| * STATE\_MOTOR\_STOP * STATE\_MOTOR\_FORWARD * STATE\_MOTOR\_BACKWARD * STATE\_MOTOR\_RIGHT * STATE\_MOTOR\_LEFT | | | | |