Engine unit interface specification

**v1.0**

# Revision history

|  |  |  |
| --- | --- | --- |
| Date | Version | Description |
| 2015.09.23 | 1.0 | Setup document |

# Input interfaces

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Range | Internal name | Source unit |
| Throttle | Integer | 0-100 | Throttle | Driver input |
| Start/Stop | Boolean | 0,1 | StartStop | Driver input |

# Output interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Range | Internal name | Target unit |
| Torque | Integer | 0-100 | Torque | Gearbox |
| RPM | Integer | 0-7000 | RPM | Gearbox; Driver input |
| Water temp. | Integer | 0-100 | WaterTemp | Driver input |
| Oil Temp. | Integer | 0-200 | OilTemp | Driver input |
| Oil pressure | Integer | 0-100 | OilPressure | Driver input |
| Service code | Integer | 0-255 | ServiceCode | Driver input |

# Service codes