| PGNs | 32296 | 32400 | 32401 | 32500 | 32501 | 32502 | 32503 | 32700 | 32702 |
|---|---|---|---|---|---|---|---|---|---|
| | Scale reading | Sensor info from module to RC | Module info from module to RC | Rate settings from RC to module | Relay settings from RC to module | Control Settings from RC to module | New IP from RC to module | Config from RC to module | Wifi Network config |
| 0 | 40 | 144 | 145 | 244 | 245 | 246 | 247 | 188 | 190 |
| 1 | 126 | 126 | 126 | 126 | 126 | 126 | 126 | 127 | 127 |
| 2 | reading + 13,10 | rate sensor ID low 4 bits, module ID high 4 bits | module ID | rate sensor ID low 4 bits, module ID high 4 bits | module ID | rate sensor ID low 4 bits, arduino ID high 4 bits | IP 0 | module ID | Network Name, bytes 2-16 |
| 3 | | rate applied Lo, 1000 X actual | Pressure Lo, 10 X actual | rate set Lo, 1000 X actual | relay Lo, 0-7 | KP | IP 1 | SensorCount | Network Password, bytes 17-31 |
| 4 | | rate applied Mid | Pressure Hi | rate set Mid | relay Hi, 8-15 | KI | IP 2 | Commands | CRC byte 32 |
| 5 | | rate applied Hi | - | rate set Hi | power relay Lo, 0-7 | KD | CRC | Relay Control Type 0-6 | |
| 6 | | acc. Quantity Lo, 10 X actual | - | flow Cal Lo, 1000 X actual | power relay Hi, 8-15 | MinPWM | | wifi module serial port | |
| 7 | | acc. Quantity Mid | - | flow cal Mid | Inverted Lo, 0-7 | MaxPWM | | Sensor 0, Flow pin | |
| 8 | | acc. Quantity Hi | - | flow Cal Hi | Inverted Hi, 8-15 | PID scale | | Sensor 0, Dir pin | |
| 9 | | PWM Lo | - | Commands | CRC | CRC | | Sensor 0, PWM pin | |
| 10 | | PWM Hi | - | Manual PWM Lo | | | | Sensor 1, Flow pin | |
| 11 | | Status byte | InoID lo | Manual PWM Hi | | | | Sensor 1, Dir pin | |
| 12 | | CRC | InoID hi | - | | | | Sensor 1, PWM pin | |
| 13 | | **byte 11:** | Status byte | CRC | | | | Relay Pins 0-15, bytes 13-28 | |
| 14 | | bit 0, connected | CRC | **byte 9:** | | | | work pin | |
| 15 | | | **Byte 13:** | bit 0, reset acc. Quantity | | | | pressure pin | |
| 16 | | | bit 0, work switch on | bit 1,2,3 Control type 0-5 | | | | - | |
| 17 | | | bit 1 - wifi rssi < -80 | bit 4, Master On | | | | CRC byte 32 | |
| 18 | | | bit 2 - wifi rssi < -70 | bit 5, - | | | | **Byte 4:** | |
| | | | bit 3 - wifi rssi < -65 | bit 6, Auto On | | | | bit 0, Relay on high | |
| | | | bit 4 - ethernet on | bit 7, - | | | | bit 1, Flow on high | |
| | | | bit 5 - good pins | | | | | bit 2, Client Mode | |
| | | | | | | | | bit3, work pin is momentary | |
| | | | | | | | | bit 4, Is3Wire | |
| | | | | | | | | bit 5, ADS1115 enabled | |