Assignment Digital Ports

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Flow | Pressure | New HW | Actual |
| XMA1.1 | O0 | - | - |  |  |
| XMA1.2 | O1 | - | - |  |  |
| XMA1.3 | O2 | K1 | K1 | DLV1 - D2 | DVL1 |
| XMA1.4 | O3 | P101ON | P101ON | DLV2 - D1 | DVL2 |
| XMA1.5 | O4 | Y106ON | Y106ON | DLV3 - D0 | DVL3 |
| XMA1.6 | O5 | - | - |  |  |
| XMA1.7 | O6 | - | - |  |  |
| XMA1.8 | O7 | - | - |  |  |
| XMA1.13 | I0 | B102 | - | - |  |
| XMA1.14 | I1 | S111 | S111 | DLV4 -D3 | DVL4 |
| XMA1.15 | I2 | - | - |  |  |
| XMA1.16 | I3 | B113 | B113 | - | DVL6pw |
| XMA1.17 | I4 | B114 | B114 | DLV5 – D6  ! = B113&!B114 | DVL5 |
| XMA1.18 | I5 | - | - |  |  |
| XMA1.19 | I6 | - | - |  |  |
| XMA1.20 | I7 | - | - |  |  |
| XMA1.9 | 24VA | - | - | DLV6 – A5  Detectie PLC/AQ function |  |
|  |  |  |  |  |  |

Assignment Analog Ports

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Flow | Pressure | New HW | Actual |
| X2.1 | O1 | Y106 Cmd | Y106 Cmd | AOLV1 – D4 | AOHV1 |
| X2.2 | O2 | P101 Cmd | P101 Cmd | AOLV2 – D5  If flow:  AILVI4 – A4 reads  If pressure:  AILVI3 – A3 reads | AOHV2 |
| X2.3 | - | 0 VB | 0VB |  |  |
| X2.5 | - | - | - |  |  |
| X2.6 | - | 0 VB | 0VB |  |  |
| X2.7 | I1 | B102 Read | - | AILVI3 - A3 | AIHV1  Va trebui mutat  fizic B103 Read de  pe pinul 15 pe pinul 7.  Nu mai am pini analogici. |
| X2.8 | - | - | - |  |  |
| X2.14 | - | - | - |  |  |
| X2.15 | I2 | - | B103 Read | AILVI4 - A4 |  |

Legend:

P101 -> Pump

P101ON -> pump enable

Y106 -> Proportional Valve

Y106ON -> enable valve

K1 -> Relay Selection ( Analog or Digital Cmd of Pump )

B102 -> Flow Meter

B103 -> Pressure Meter

S111 -> float switch

B113 -> Proximity Switch Level Low (-)

B114 -> Proximity Switch Level High(+)