|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Magnetostrictive protocol** | | | | |
|  |  |  |  |  |
| Speed | 9600bps |  |  |  |
| Parity | Nessuna (none) |  |  |  |
| Data bit | 8 |  |  |  |
| Stop bit | 1 |  |  |  |
| Time between two enquiry: 250ms | |  |  |  |
| Max response time: 100ms | |  |  |  |
| Interface RS485 Half duplex | |  |  |  |
|  |  |  |  |  |
| **To ask for measure** | |  |  |  |
|  |  |  |  |  |
| **Command** | M | Command |  |  |
|  | Address | 5 char |  |  |
|  | CrLf |  |  |  |
|  |  |  |  |  |
|  | **If the lenght probe is <6 mt** |  |  | **If the lenght of the probe is > 6 mt** |
| **Reply** | Address | 5 char |  | indirizzo (address) |
|  | = |  |  | L |
|  | status | 1 = KO, 0 = OK | | status |
|  | = |  |  | = |
|  | average temperature | 3 char + sign | | average temperature |
|  | = |  |  | = |
|  | Product in 1/10 mm | 5 char |  | Product in mm |
|  | = |  |  | = |
|  | water in mm | 4 char |  | water in mm |
|  | = |  |  | = |
|  | chk | 3 char |  | chk |
|  | CrLf |  |  | CrLf |
|  |  |  |  |  |
| chk based upon 255 |  |  |  |  |