

# Protocol V1.3

Message terminator: <LF>

Data separator: space

## Read valve's status and position

Request:

L? <N>

Reply:

L= <N> <err\_code> <err\_no> <acc\_mode> <sw\_state> <pos>

Where:

N=0: CV580; N=1: CV581; N=2: CV582; N=3: CV583

<err\_code>: if correct reply from the valve: error code,  
if valve not connected or error reply from the controller: -1; **leave all other fields unchanged**

<err\_no>: error number

<acc\_mode>: access mode 1 – remote, 0 – local

<sw\_state>: state of the end switches position (param. ID 101000000)

<pos>: actual valve position {%), 2 digits after decimal point

## Reset Valve

Request:

R <N>

Reply:

CS <N> <stat>

Where:

<N> = 0 for CV580, 1 for CV581 ...

<stat>= 0 if no error; negative integer number if error

## Set access mode

### Set local mode

Request:

Loc <N>

Reply:

CS <N> <stat>

Where:

<N> = 0 for CV580, 1 for CV581 ...

<stat>= 0 if no error; negative integer number if error

### Set remote mode

Request:

Rem <N>

Reply:

CS <N> <stat>

Where:

<N> = 0 for CV580, 1 for CV581 ...

<stat>= 0 if no error; negative integer number if error

### Unknown command

When the server receives an unknown command it should return ? (question mark).