Control and Monitoring System of a Water Tank: Commands

Received Command	**Description**
IDEN	• Reply with the system id: **"CMSWT/n"**
ONOFFx/n	• **x=1** Turn on the system and reply with the system status **"SYS1/n"** • **x=0** Turn off the system and reply with the system status **"SYS0/n"** • **default** reply with the system status: **"SYS1/n"** or **"SYS0/n"**
MEASRx/n	• **x=0 or default** Reply with the analog measure on the channel A0 **"AMSR0..../n"**
THRQRY/n	• Reply with the threshold values**:** **"THRthcrmax,thmax,thmin,thcrmin/n"**
THRRES/n	• Reset all the thresholds to their default values
CONFIGx.../n	Mannual change of all the thresholds: • **x=0** thmin • **x=1** thmax • **x=2** thcrmin • **x=3** thcrmax
ENGINx/n	• **x=0** manual control: turn off the engine • **x=1** manual control: turn on the engine • **x=2** automatic control of the engine
Transmitted Command	**Description**
MSGxy.../n	Reply with the engine status **x,** the gate status **y** and the analog measure value **...** of the water tank height
SYSx/n	Reply with the system status: **"SYS1/n"** or **"SYS0/n"**