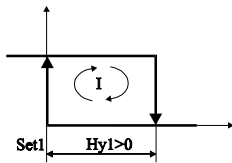
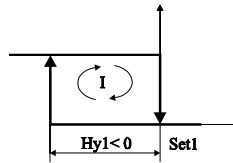


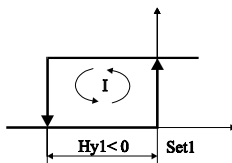
Hy1 Differential: (Down Sc./Full Sc.) Intervention differential for set point. It can be set with positive value or with negative value. The kind of action (direct or inverse) depends on the SC1 parameter setting (1 or 0).



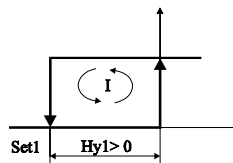
Inverse action (humidification)
with positive differential



Inverse action (humidification)
with negative differential



Direct action (dehumidification)
with negative differential



Direct action (dehumidification)
with positive differential

LS1 Minimum set point: (Down Sc./ Set) Sets the minimum acceptable value for the set point.

US1 Maximum set point: (Set/ Full Sc.) Sets the maximum acceptable value for set point.

ALU Maximum alarm:

with ALC=0: alarm relative to set point, $(0 \div |Full\ Sc. - Set|)$ Maximum alarm is enabled when the humidity exceeds the "SET+ALU" value.

with ALC=1: absolute alarm, $(Set \div Full\ Sc.)$ Maximum alarm is enabled when the humidity exceeds the "ALU" value.

ALL Minimum alarm:

with ALC=0: relative to set point, $(0 \div |Down\ Sc. - Set|)$ this value is subtracted from the set point. The alarm signal is enabled when the humidity goes below the "SET-ALL" value.

with ALC=1 (absolute) minimum alarm is enabled when the humidity goes below the "ALL" value.

with ALC=1 (absolute) minimum alarm is enabled when the humidity goes below the "ALL" value.

Ad Alarm delay: (0÷999 min) time interval between the detection of an alarm condition and alarm signalling.

dAO Delay of alarm at start-up: (0÷999 min) time interval between the detection of the alarm condition after instrument power on and alarm signalling.

od Output delay: (0÷500 sec) minimum interval between the load stop and the following restart.

LCI Start of scale with current or voltage input: (999÷999). Adjustment of read out corresponding to 4mA or 0V input signal.

UCI End of scale with current or voltage input (999÷999). Adjustment of read out corresponding to 20mA or 0V or 10V input signal.

LAO Lower analog output limit:(only for models with analog output) minimum value of humidity associated to the 4mA (or 0V) analog output. This value can be absolute or relative to the Set Point 1 by setting the AOC parameter.

UAO Upper analog output limit: (only for models with analog output) maximum value of humidity associated to the 20mA (or 1V) analog output. This value can be absolute or relative to the Set Point 1 by setting the AOC parameter.

OPb Probe calibration: (-999÷999) allows to adjust possible offset of the probe.

Ad1..Ad2: RS485 serial address (0÷94): identifies the instrument when is used with the XJ500 supervising system.

AOC Analog output configuration:

AOC=0 Probe reading. The analog output parameters LAO and UAO are independent and correspond to the absolute read-out probe signal.

AOC=1 Probe-Set Point. the analog output parameters LAO and UAO are related to the Set Point 1.

S1C Action type: S1C=0 inverse action (the humidity is increased); S1C=1 direct action (the humidity is decreased)

So1 Relay status with faulty probe:

So1=0 open; So1=1 closed.

Hdd Half digit display: (Hdd=0 OFF; Hdd=1 ON) the right hand digit can be set to read out only 0 or 5, or to read out all values from 0 to 9.

E.g. if **Hdd= 0** the displayed values could be: 231, 232, 233...

if **Hdd= 1** the displayed values could be 230, 235, 240...

rES Decimal point ON/OFF: (rES=0 OFF; rES=1 ON) select the resolution of the controller: with decimal point or without decimal point.

NOTE: on all models, if a unit is changed from “without decimal point” into “with decimal point”, all parameters values expressed in percent of humidity (**SET, HY1, LS1, US1, ALU, ALL, LCI, UCI, LAO, UAO, OPb**) will automatically be **divided by 10. To restore the right behaviour** multiply by 10 the above parameters.

ALC Set point alarms configuration:

(0= relative to set point; 1=absolute) determines if alarms are relative to set point or referred to absolute values.

SAO Analog output safety with probe fault (only for models with analog output): determines what state the analog output should assume when the probe is faulty: SAO = 0; analog output = 20mA or 1Vdc. SAO = 1; analog output = 4mA or 0Vdc.

OnF Switching ON/OFF enabling from keyboard: (0 = disabled; 1=enabled) It permits the switching ON/OFF of the instrument by pressing the SET key for more than 4s.

Ptb Parameters table: (read only) Shows the factory default settings.

rEL Software release: (read only)