

#I001 : Physical value 1

#I002 : Functioning mode

MaxValue = 1234

Minvalue = 15

#[SingleBlock_F01] : Function 1

#I003 : Measure 1

Description

convert a physical signal into electronic data with saturation above MaxValue and below MinValue

Requirements

Output I013 encodes in electronic data the I001 physical signal with a precision of x% [R001]

Output I013 stays below MaxValue [R002]

Output I013 stays above MinValue [R003]

Output I013 is updated every x ms [R004]

Output I013 has a lag time lower than xms [R005]



Block diagram representing the function with input and output flows