

Proximity Sensor Disable

Please verify the distance between the sensor and the tooth of the phonic wheel of the drum. The distance has to be nearly 4 mm.

The yellow led of the sensor has to light every time the sensor is in front of a tooth of the phonic wheel of the drum.

If this does not happen, it means the sensor is damaged or it suffers electromagnetic interferences

The sensor terminals to be checked for proper connection are 54-55-56 in the electric box

To disable the sensor it is necessary to do in this way

First: set the parameter A1-01 = 0002

Secont: set the parameter A1-07 = 0

In this way the crane can work but there is no control of feedback between the speed of the drum and the frequency of the inverter. Using the crane in this condition pay attention non to hoist big loads over people.

If necessary we will send you all at once a new sensor (original from OMRON) to solve the problem.

After changing the sensor it is necessary to set again the parameters to the original value in this way:

First: set the parameter A1-07 = 1

Secont: set the parameter A1-01 = 0000

Let us know.

Best regards.

OMV – R. Bonarelli