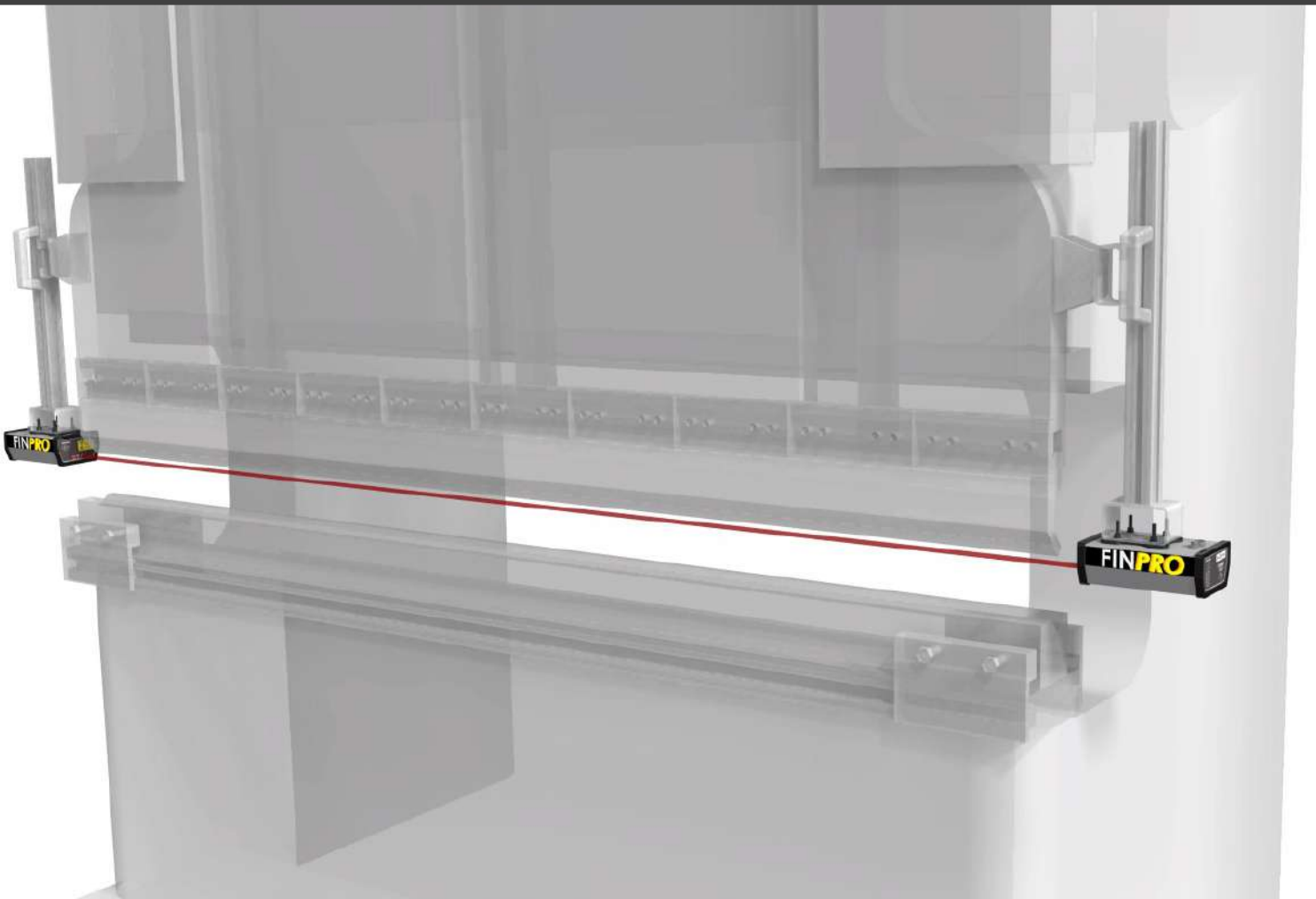

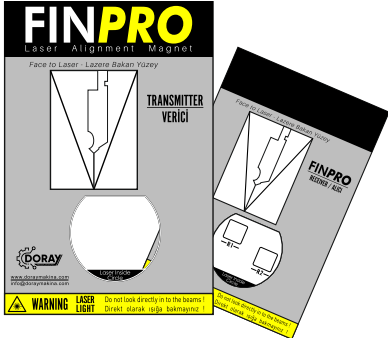





## FINPRO LASER SETUP & ADJUSTMENT GUIDE



## FINPRO LASER ADJUSTMENT

<p>1</p>	<p>In order to activate the TRANSMITTER laser light, the LASER-ON (LON) switch must be turned ON.</p> <p>Meanwhile, BOX BENDING light on the RECEIVER, will start blinking continuously as a warning.</p>	
<p>2</p>	<p>When the laser light become active, the Adjustment Magnets - which sent with FINPRO - must be used to ensure that the laser light reach the correct point on the RECEIVER parallelly.</p>	
	<p>TRANSMITTER MAGNET ADJUSTMENT</p> 	<p>RECEIVER MAGNET ADJUSTMENT</p> 
<p>3</p>	<p>OSSD outputs are not activated when the LASER-ON (LON) switch is ON.</p> <p>After the laser settings are made correctly, the LASER-ON (LON) switch must be turned OFF. OSSD outputs can only be active when the LASER-ON (LON) switch is in the OFF position.</p>	

## FINPRO INDICATOR LIGHTS

INDICATOR LED ON RED	
1	The Indicator LED is RED unless the TRANSMITTER laser light see the RECEIVER sensors.
	The Indicator LED turns RED as long as the UP signal on the receiver unit is active.
	If any object enters and INTTERRUPTs the laser light between the TRANSMITTER and RECEIVER sensor, the Indicator LED turns RED.
	OSSD outputs are not activated as long as the Indicator LES is lit RED.
INDICATOR LED ON GREEN	
2	In order the TRANSMITTER laser light to be activated, the PEDAL input on the Receiver unit must be active.
	The Indicator LED turns GREEN when the TRANSMITTER laser light see the RECEIVER sensors.
	OSSD outputs are activated when the indicator LED turns GREEN.
INDICATOR LED ON BLUE	
3	The Indicator LED remains BLUE as long as the MUTE signal on the receiver unit is active.
	MUTE input is a dominant input, as long as this input is active, other lights on the Indicator LED cannot be lit.
	OSSD outputs remain active as long as the Indicator LED is BLUE.



## FINPRO BOX BENDING MODE DESCRIPTIONS

If the BOX BENDING button is pressed once, the BOX BENDING mode and YELLOW warning LED are activated.

If it is activated by mistake, it can be deactivated by pressing the BOX BENDING button again.

Additionally, if any of the BDC or UP signals on the Receiver unit are activated, BOX BENDING mode will be activated and the YELLOW warning LED will turn off.



When BOX BENDING mode is active, the first RECEIVER sensor is blanked and OSSD outputs are controlled only by the second RECEIVER sensor.

Once BOX BENDING mode is disabled, the first RECEIVER sensor is activated.



While the BOX BENDING mode is active, if any object enters and INTERRUPTS the TRANSMITTER light and the second active RECEIVER sensor, the Indicator LED turns RED.



## FINPRO ADDITIONAL DESCRIPTIONS

### SLOW OUTPUT DESCRIPTION

- 1 While one or both of the RECEIVER sensors are in INTERRUPT state, if the PEDAL input on the Receiver unit is deactivated and activated again, the SLOW output on the Receiver unit is activated. If BOX BENDING mode is selected, this process is active only with the second RECEIVER sensor.

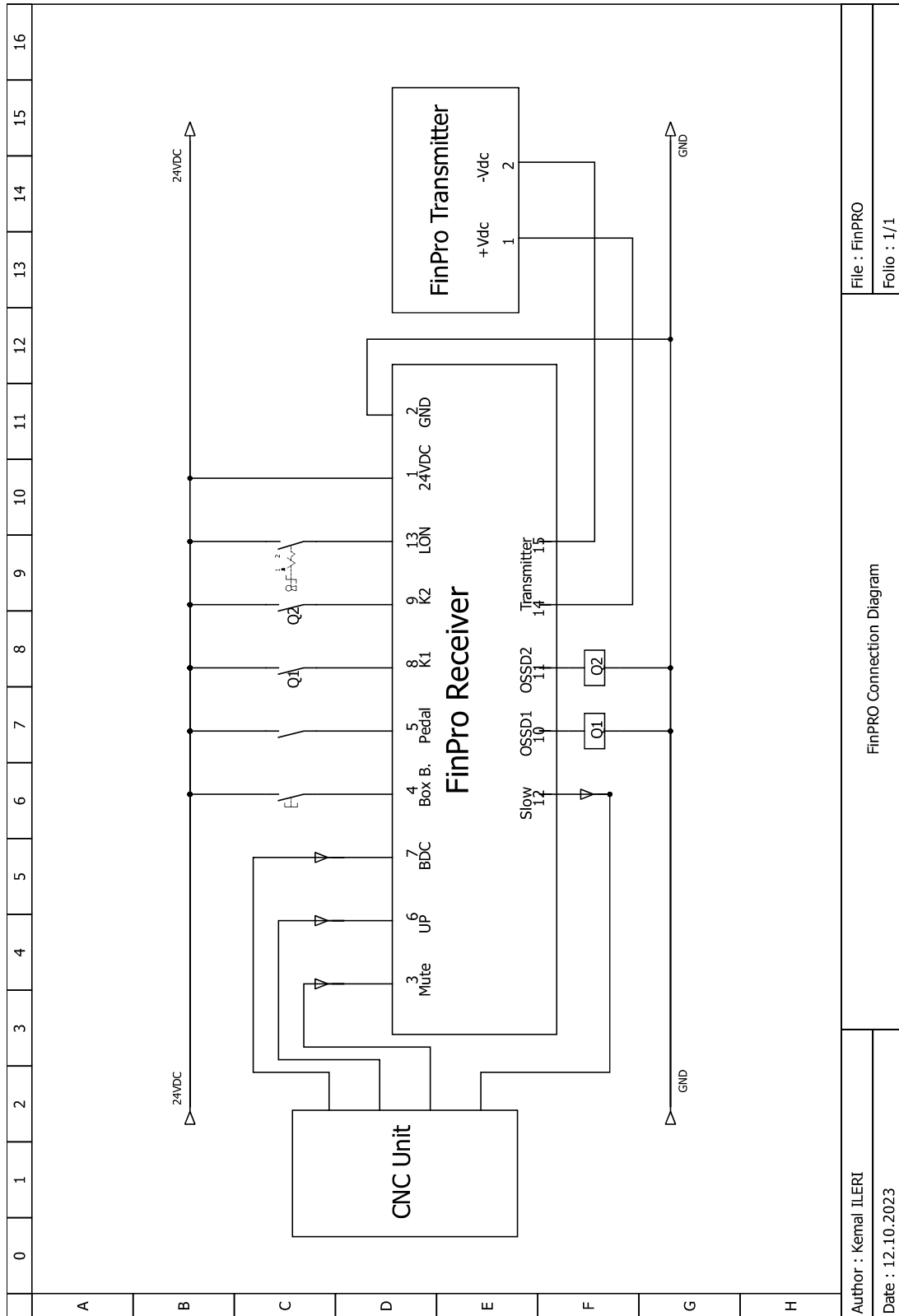
### OUTPUT MONITORING DESCRIPTION

- 2 Output monitoring is available on the FINPRO system. It must be connected to the K1 and K2 inputs on the Receiver unit with 24VDC via an open contact of the contactors connected to the OSSD outputs on the Receiver unit. In this way, FINPRO monitors malfunctions that may arise from contact sticking and prevents OSSD outputs from being activated.

### NOTs:

- 3 MUTE, UP, BDC inputs and SLOW output must be connected directly to the CNC unit.

## FINPRO ELECTRICAL DIAGRAM



Author : Kemal ILERI

Date : 12.10.2023

FinPRO Connection Diagram

File : FinPRO

Folio : 1/1