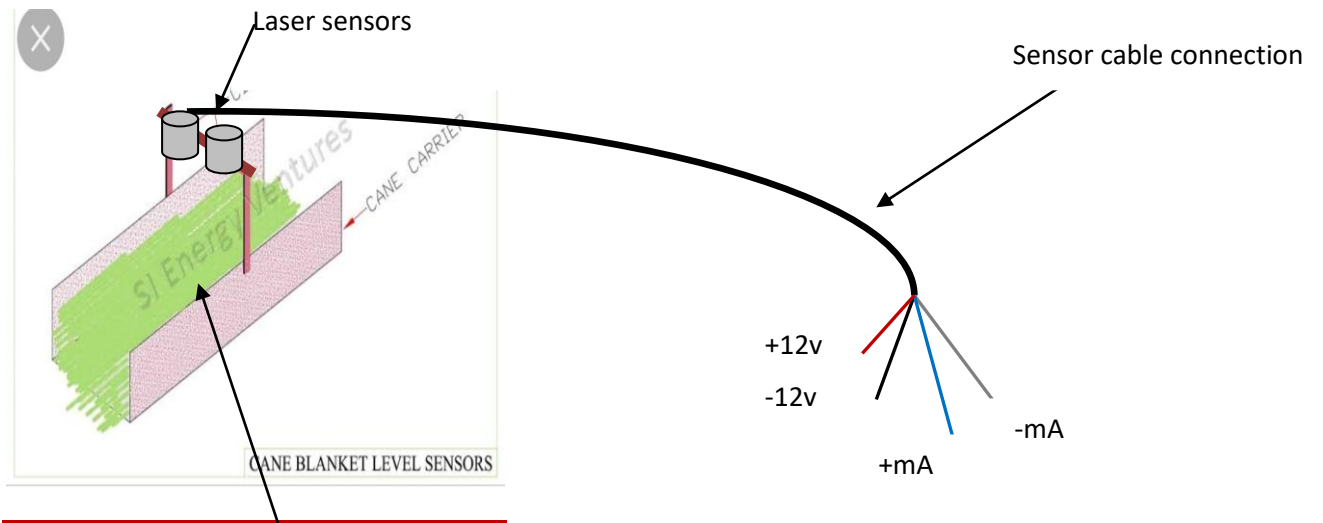


# LASER CANE BLANKET SENSOR TRANSMITTER

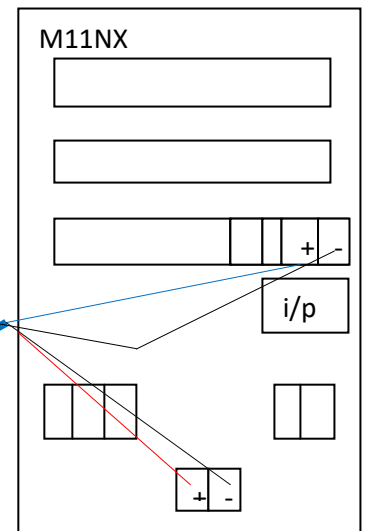
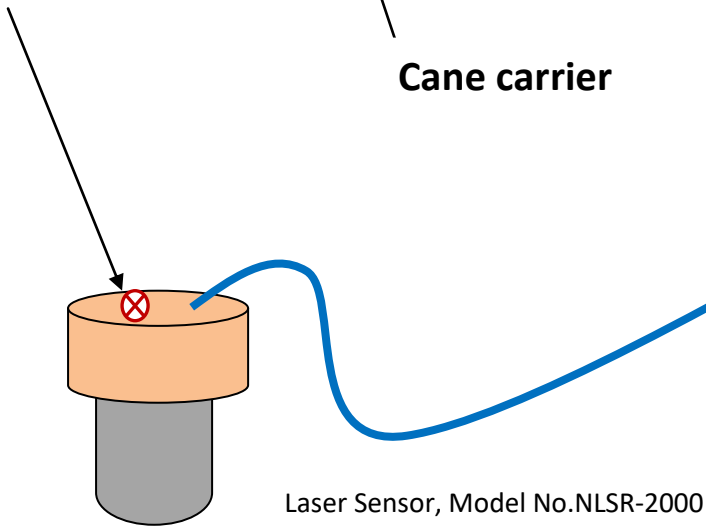


**Introduction:** This is a precision Laser sensor for cane blanket level measurement in cane carrier. It is a non-contactable device with a maximum sensing range of 0-2meter. This sensor is capable of sensing in the 6" Dia meter range. We recommend that more than one sensor be used to get the best results. User can connect up to 1-6 sensors with the help of Analogue multiplexer(NPXR2000) and The output of multiplexer will connect with the input of Donnelly chute Level Transmitter according the input(4-20mA) It will show 0-100% Display & LED bar-graph show level .The output of Donnelly chute Level Transmitter (M11NX) output(4-20mA) can be connected with the PLC/DCS.



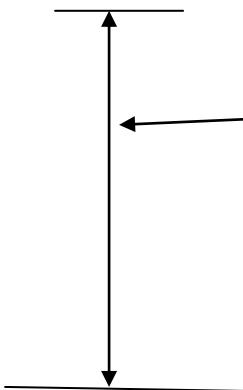
The Led light will blink when target in range otherwise it will stop.

**Cane carrier**

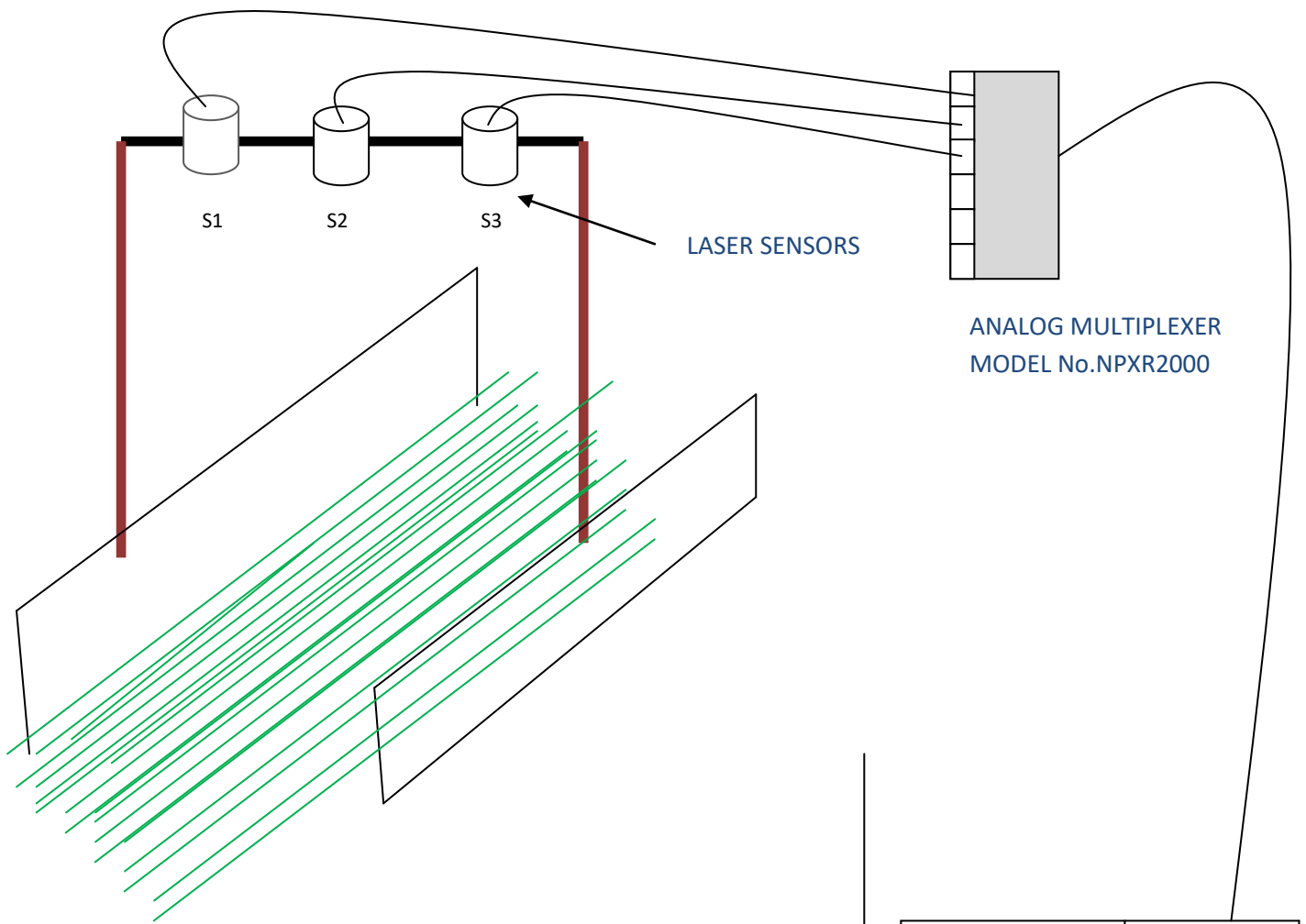


Transmitter Back Side connection details

It can work within in the range 0-2000(max) mm. The User can be adjusting its range to



# LASER CANE BLANKET SENSOR



CANE BLANKET LEVEL SENSORS, DRWING 1.1

**Analogue multiplexer:** The Analogue multiplexer read the value of every laser sensor and calculates the average value of level and it will give the calculated value to the Donnelly chute level transmitter. The Donnelly Chute Level Transmitter according the analogue multiplexer value show the display value and give the retransmission output 4-20mA to plc/dcs etc.

DONNELLY CHUTE LEVEL  
TRANSMITTER, MODEL  
M11NX