

PICK-TO-LIGHT SYSTEM

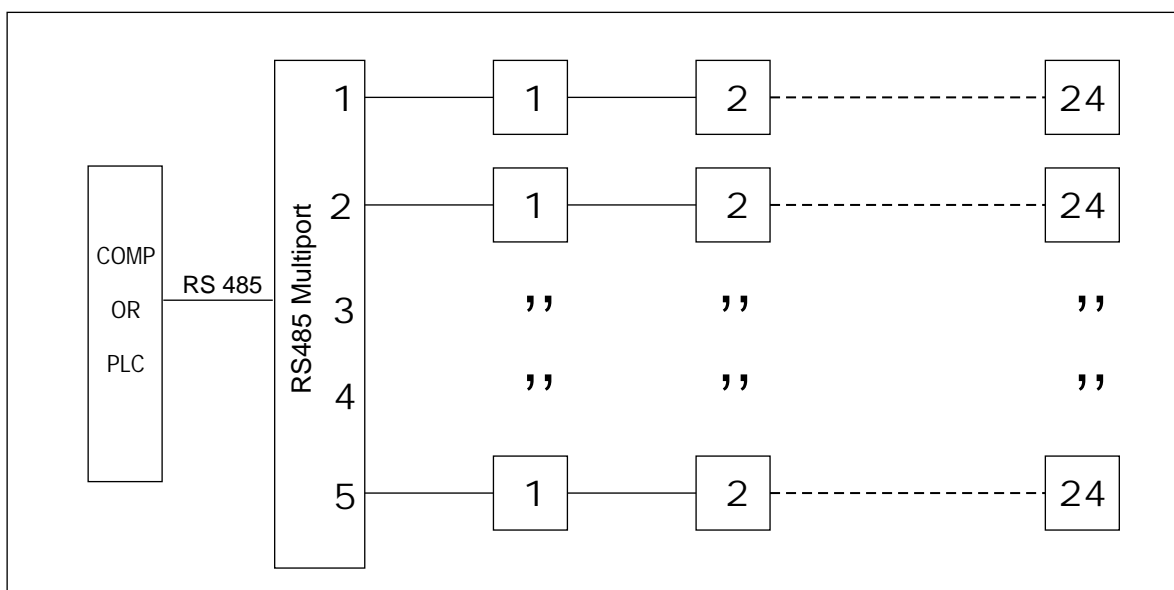
THE SYSTEM

Electronic Switches offers PICK TO LIGHT (PTL) system for various Assembly Line operations, Warehousing Solutions, or Large Factory Store operations. System operates with micro-controller based state of arts devices to ensure smooth and error free operations. Pick To Light devices are used with Computer based System, PLC or dedicated custom build controller.



HOW IT WORKS

Pick to Light (PTL) devices uses standard RS 485 MODBUS RTU protocol to communicate with master controller (Computer / PLC /Dedicated Controller) Normally input devices such as Bar code reader are connected to Master Controller. Based on the input received to the Master, it will switch ON light indication and display the quantity of item to be picked. This will prompt operator to pick material from that particular bin.



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PICK-TO-LIGHT SYSTEM

S P E C I F I C A T I O N S

Power Supply	: 24 VDC \pm 20%
Communication	: MODBUS RTU - RS 485
Max Units per port	: 24 Nos per Rs485 port
Max number of Units	: 800
Count ID	: Selectable
Max selectable count	: 01 to 99 (Two digits)
Acknowledgment Type	: Touch Switch
Diffused Sensor range	: Adjustable up to 150mm
Connector	: M12 Connector
Indications	: Red and Green Indications

M O D E L S

MODEL : PAS 0523

PTL : Pick to Light	T : Touch Sensor with Indicator
S : Serial Communication	D2 : Display 2 Digits
SY : With Sensor	BL : Blank - No display
SN : Without Sensor	C6 : 4 pin Connector with 6 inches wire
	W6 : Wire 6 Inch - Without connector

A P P L I C A T I O N S

In Warehouses or Factory Stores : The required material is to be collected from various locations or bins. Once the data is transmitted to the system, corresponding PTL devices at particular locations or bins are activated showing light indication and the quantity of the items to be picked up. This way Operator can collect all the required material easily and bring it to delivery point.

In Assembly Lines at various industries, sensing devices picks up the Product present on the line and gives data to Master. Accordingly data is sent to the PTL system which activates corresponding PTL devices concerned to the Product on assembly line. Those material is picked up and brought to line for final assembly.



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