VB-5 Barcode Validation System

Validate every barcode on every product to confirm that the code is *Present*, *Correct* and *Readable*.

Using a state of the art barcode scanning and imaging device, the VB-5 provides fully automated, high speed 100% inspection and validation of 1D and 2D product barcodes.

Incorporating 'Wrong Read' and 'No Read' fault analysis, any product carrying the wrong code, an unreadable code or no code at all, will trigger a fault warning output that can be used to drive a warning alarm, stop a conveyor or operate a reject mechanism.

FEATURES

- Easy operator setup using a handheld scanner, first code read or database lookup.
- 4 x 20 character backlit display and membrane keypad.
- A wide range of scanning head options to cater for all applications.
- Three configurable interface outputs.
- Robust IP66 rated enclosure.
- RS485 network option.
- Extremely compact. Only 200mm wide by 130mm high.
- Barcode ISO quality inspection with compatible scanner.

BENEFITS

- 100% validation of all barcodes.
- Quickly identify incorrectly labelled product.
- Prevent product recalls and wastage.
- Automatically log all 'Good Reads', 'Wrong Reads' and 'No Reads'.
- Verify the quality of barcodes using a compatible scanner.

Automatic Identification Systems (UK) Ltd

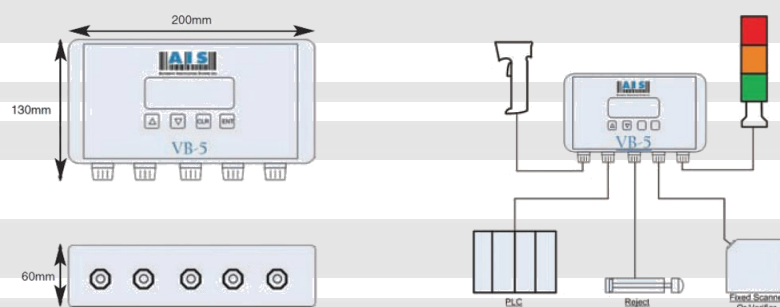PRINT / APPLY / INSPECT

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STANDARD OPERATING MODES

- **Display Mode:** Displays the last barcode read along with 'Good Read', 'Wrong Read' and 'No Read' statistics.
- **Verifier Mode:** Confirms correct code presence and Code ISO/ANSI quality*. LCD displays barcode data and grade and can be configured to accept minimum grade.
- **Hand Held Teach Mode:** Teach the code to be validated using a hand held barcode scanner.
- **First Code Read Mode:** The VB-5 stores the first barcode read and validates to that code until reset.
- **Teach From Memory:** Select a product description or barcode number from up to two hundred user programmable memory locations.
- **Batch Count Reached:** A relay output closes when the operator adjustable batch count has been reached.

*Barcode ISO quality inspection is performed by the fixed mount scanner, not by the VB-5.

SPECIFICATIONS

Barcode Symbologies Supported	All 1D and 2D codes
Max Read Speed	150ppm (Higher speeds available dependant on scanning head used)
Power Supply	10 to 30Vdc (External power supply available)
Power Consumption	125mA @ 24Vdc (HHR connected)
LCD Display	4 Lines x 20 Characters (Backlit)
RS232 Interface	3 x RS232 ports (Up to 19.2K Baud)
RS485 Interface	1 x RS485 port
Relay Outputs	3 x PCB mounted relay each with N/O and N/C contacts. Rated 250V@ 5A
Connectors	52 x push to make connectors (Internal)
Keypad	4 button membrane keypad
Dimensions	200mm x 130mm x 60mm (L, H, D)
Enclosure Material	ABS
Protection	IP66
Operating Temperature	32 to 104 Degrees Fahrenheit/0 to 40 Degrees Celsius
Storage Temperature	0 to 150 Degrees Fahrenheit/-18 to 65.5 Degrees Celsius

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