

General

Product number	75003300
Product name	HSAJET® Infinity Interface Box w/LED control signal
Manufacturer	HSA Systems A/S (Designed and Manufactured in DK)

Features

Push-In Terminals Wiring	Input / output push in-terminals for easy electrical wiring. The galvanic isolation features of the control inputs and outputs on the controller are still present in the Interface box
Indication	Inputs, outputs, and supply status indication with LED

Interface

Controller Unit - Controller	D-SUB 15 male socket
Controller Unit - Sensor	D-SUB 9 male socket
Sensor	D-SUB 9 female socket
Inputs / Outputs	Push-in-terminals
LED Indicators	Indicates input, output, and power supply status
Internal Inputs	5 optionally isolated inputs to control port and 2 inputs to sensor port Disable printmode Disable sensor
Internal Outputs	5 optionally isolated outputs from control port and 2 outputs from sensor port 3 x Tracked event outputs 1 x Printmode ON 2 x User defined outputs (options): - Printing (active during a print of a layout) - End-of-print (database complete, job done) - Ink system ready - Failure

Physical Details

Housing	Anodised aluminium, black
Dimensions	145 x 160 x 71 mm (LxWxH)
Weight	1.074 kg



The Infinity Interface Box simplifies installation by allowing direct wire connections via terminal blocks. The box supports multiple inputs/outputs configurations and includes connection for product sensors. It features LEDs for easy visual verification of signal functionality, ensuring efficient and reliable control and connectivity for various applications.

Inputs and output on the control port push-in-terminals can be galvanically isolated by connecting an external power supply instead of using the internal supply. The isolated section of terminals can handle a large potential difference to printer controller and sensor terminals.

Electrical Requirements

Power	5VDC 0.5A 2.5W and 24VDC 2A 48W
Power Supply	Powered by HSAJET® Infinity Controller

Compliance and Regulations

Complies to	CE, UKCA
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In the Box

75003300	HSAJET® Infinity Interface Box w/LED control signal
71001120	Cable 9-pin M-F 2m AWG24 f/interface box
71001005	Cable 15-pin M-F 2m

Accessories (Optional)

Photo Sensor, fibre optic & transmitter (PNP)
(other PNP sensors also available)
Signal tower (beacon) R/Y/G w/o connector 24V
Encoder 5000ppr WDGI 58C (conical) (excl. cable)
Cable M12x1 SUB-D 9pol (for 58C encoder) (2 m)
Cable M12x1 SUB-D 9pol (for 58C encoder) (5 m)

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