

VISTAscan



LIS System for Rotary Machines IM

Visit our website: vista-scan.com

LIS CONSOLE IM



Product Specifications

Operating Temperature:	-10 up to +60°C
Humidity:	95% non-condensing
Dimensions:(HxWxD)	88 x 444 x 366 mm
Channels:	16 or 27 channels
Measurement:	modulated LED photosensitive Sensor

Description

With the **LIS Console IM**, we are offering a check detection system, which is optimized for the testing of flatware, tableware, medical glassware and container glass. The LIS Console IM is a 16-channel quality assurance system that can be easily expanded to 27 channels.

Its ease of use and flexibility makes it to one of the best inspection systems on the market. Equipped with up to seven inspection types that can be performed in a single process, the LIS Console IM offers also step-motor-control and the Vision plug-and-dip-test.

Each of the 16 or 27 independent channels can be configured with lights and sensors which are best suited for the detection of a specific defect.

There is a Master Console with Channel 1 to 16 and the Slave Console (17-27Ch) which is controlled by the Master. The Slave alone couldn't be used as a "Stand-alone System".

NEW ENHANCED LIGHT

Description

The **New Enhanced Light** can be used very flexible, because of its various images and focuses, which allow a very good check (failure) detection for a wide range of defects. We provide the new Enhanced Light with a rectangular image of width 1 mm and lengths ranging from 2 to 10 mm.



Product Specifications

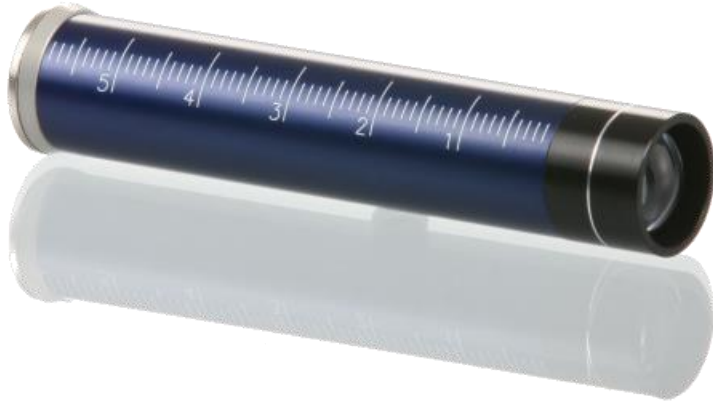
Operating Temperature:	-10 up to +60°C
Humidity:	>95%
Focus:	60mm
Image Length:	6mm
Image Width:	1mm
Dimensions: (Dia/Lenght)	14mm/85mm

NEW ENHANCED LIGHT

Item Description	ART / ID	Focus in mm	Image length	Image width
VIS-LIGHT	ART002965/13166P16	60	6	1



NEW ENHANCED SENSOR



Description

The **New enhanced Sensor** is used for receiving and handling the signal sent by the Lights. We offer it with the focus 60 mm.

Product Specifications

Operating Temperature:	-10 up to +60°C
Humidity:	>95%
Focus:	60mm
Dimensions:(Diameter/Length)	14mm/85mm

ENHANCED SENSOR

Item Description	ART/ID	Focus in mm	Image Length	Image Width
VIS-Sensor	ART002973/13166P13	60	-	-



SHOULDER CHECK KIT



Description

The **Shoulder Check Kit** with a rectangular image of 25mm x 1mm is very suitable to check the shoulder of a glass container. The Kit always includes the Shoulder Light, the Shoulder Sensor and the necessary cables.

Product Specifications

Operating Temperature:	-10 up to +60°C
Humidity:	>95%
Focus:	60mm
Image Length:	25mm
Image Width:	1mm
Dimensions:(Dia/Length)	
Light:	
Sensor:	29mm/85mm 29mm/75mm

Included in Delivery

Shoulder Check Light	1x
Shoulder Check Sensor	1x
Cable Light 1,5m	1x
Cable Sensor 1,5m	1x

SHOULDER CHECK KIT

Item Description	ART/ID	Focus in mm	Image Length	Image Width
VIS-SHOULDER-CHECK-KIT	ART002167/13166P31	60	25	1



BODY CHECK KIT



Description

The **Body Check Kit** with a rectangular image of 35mm x 1mm is very suitable to check the Body of a glass container. The Kit always includes the Body Light, the Body Sensor and the necessary cables.

Included in Delivery

Body Check Light	1x
Body Check Sensor	1x
Cable Light 1,5m	1x
Cable Sensor 1,5m	1x

Product Specifications

Operating Temperature:	-10 up to +60°C
Humidity:	>95%
Focus:	60mm
Image length:	35mm
Image width:	1mm
Measures:(Dia/Length)	
Light:	
Sensor:	29mm/85mm 29mm/75mm

BODY CHECK KIT

Item Description	ART / ID	Focus in mm	Image Length	Image Width
VIS-BODY-CHECK-KIT	ART000790/13166P33	60	35	1



HEEL CHECK KIT



Description

The **Heel Check Kit** has a rectangular image of medium length and a smaller focus of only 30mm. The shorter focus allows a positioning at smaller distance and is specially developed to check the transition between the body and the base of a glass container. The Kit always includes the Heel Light, the Heel Sensor and the necessary cables.

Included in Delivery

Heel Check Light	1x
Heel Check Sensor	1x
Cable Light 2m	1x
Cable Sensor 2m	1x

Product Specifications

Operating Temperature:	-10 up to +60°C
Humidity:	>95%
Focus:	30mm
Image length:	15mm
Image width:	1mm
Measures:(Dia/Length)	
Light:	14mm/72mm
Sensor:	14mm/72mm

HEEL CHECK KIT

Item Description	ART / ID	Focus in mm	Image Length	Image Width
VIS-HEEL-CHECK-KIT	ART002174/13166P30	30/60	15	1



BOTTOM CHECK KIT



Description

The **Bottom Check Kit** is specially designed to check the base of a glass container. With its compact size and shorter focus the sensors can be perfectly used in a tight environment. The „Bottom Check“ contents 1 Light and 1 Sensor with its appropriate control electronic and cables.

Included in Delivery

Bottom Check Light	1x
Bottom Check Sensor	1x
Control electronic Light/Sensor	2x
Cable Light 2m/0,3m	2x
Cable Sensor 2m/0,3m	2x

Product Specifications

Operating Temperature:	-10 up to +60°C
Humidity:	>95%
Focus:	30mm
Image length:	6mm
Image width:	1mm
Dimensions:(diameter/length)	
Light Control:	14mm/95mm
Sensor Control:	14mm/95mm
Light:	14mm/52mm
Sensor:	14mm/49mm

BOTTOM CHECK KIT

Item Description	ART / ID	Focus in mm	Image Length	Image Width
VIS-BOTTOM-CHECK-KIT	ART001202/13301P	30	6	1



ALIGNMENT TOOL



Description

The **Alignment Tool** is a special sensor who makes the adjustment of the check detection much easier. With a focus of 60 it could be used for all possible constellations. We measured a reduction of the changeover time by 40%, which makes the Alignment Tool very worthwhile. Also included is a special tupe for exact alignment of the Sensor.

Product Specifications

Operating Temperature:	-10 up to +60°C
Humidity:	>95%
Focus:	60mm
Image Length:	Covers the reception area
Image Width:	
Dimensions:(Dia/Length)	14mm/85mm

Included in Delivery

Alignment Tool red image	1x
Alignment Tool green image	1x
Focus Tube for correct alignment	1x

ALIGNMENT TOOL

Item Description	ART/ID	Focus in mm	Image length	Image width
VIS-ALIGNMENT-TOOL	ART002914/13655P33	60	Crosshair	Crosshair



CABLE LIGHT



Description

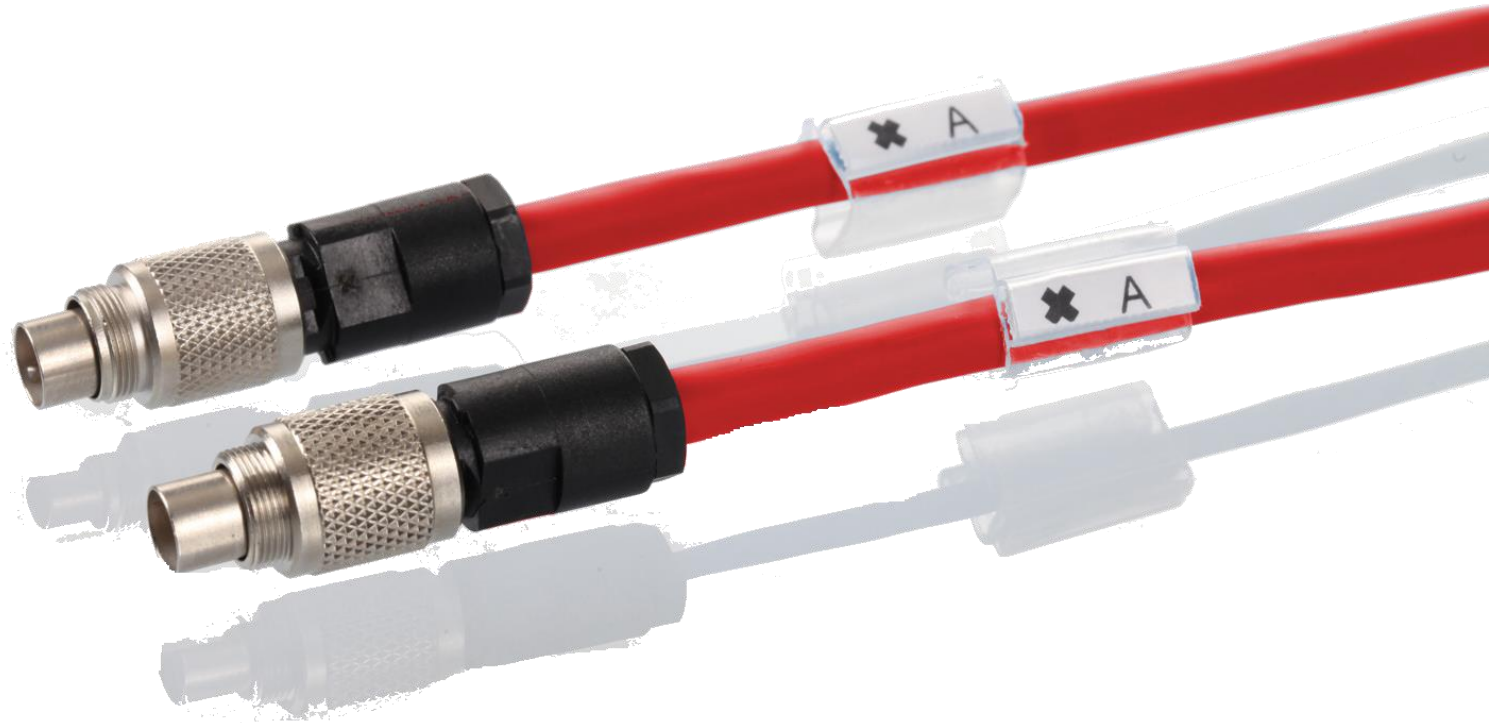
Cable for connecting the Lights to the Manifold Board of the System. The Cables can be supplied in various lengths between 1m and 3m.

Product Specifications

Cable designation:	LIYCY 0,22mm ²
Operating Temperatur:	-30 up to +70°C
Number of conductors:	2
Connector/Jack:	2pol Jack Snap In-Plug
Shielding:	yes
Cable color:	red
Length:	1-3m

CABLE LIGHT

Item Description	ART / ID	Cable Lengths
VIS-CABLE-LIGHT	ART000716/13116P17	1m
VIS-CABLE-LIGHT	ART002931/13166P37	1,5m
VIS-CABLE-LIGHT	ART002112/13116P18	2m



CABLE SENSOR



Description

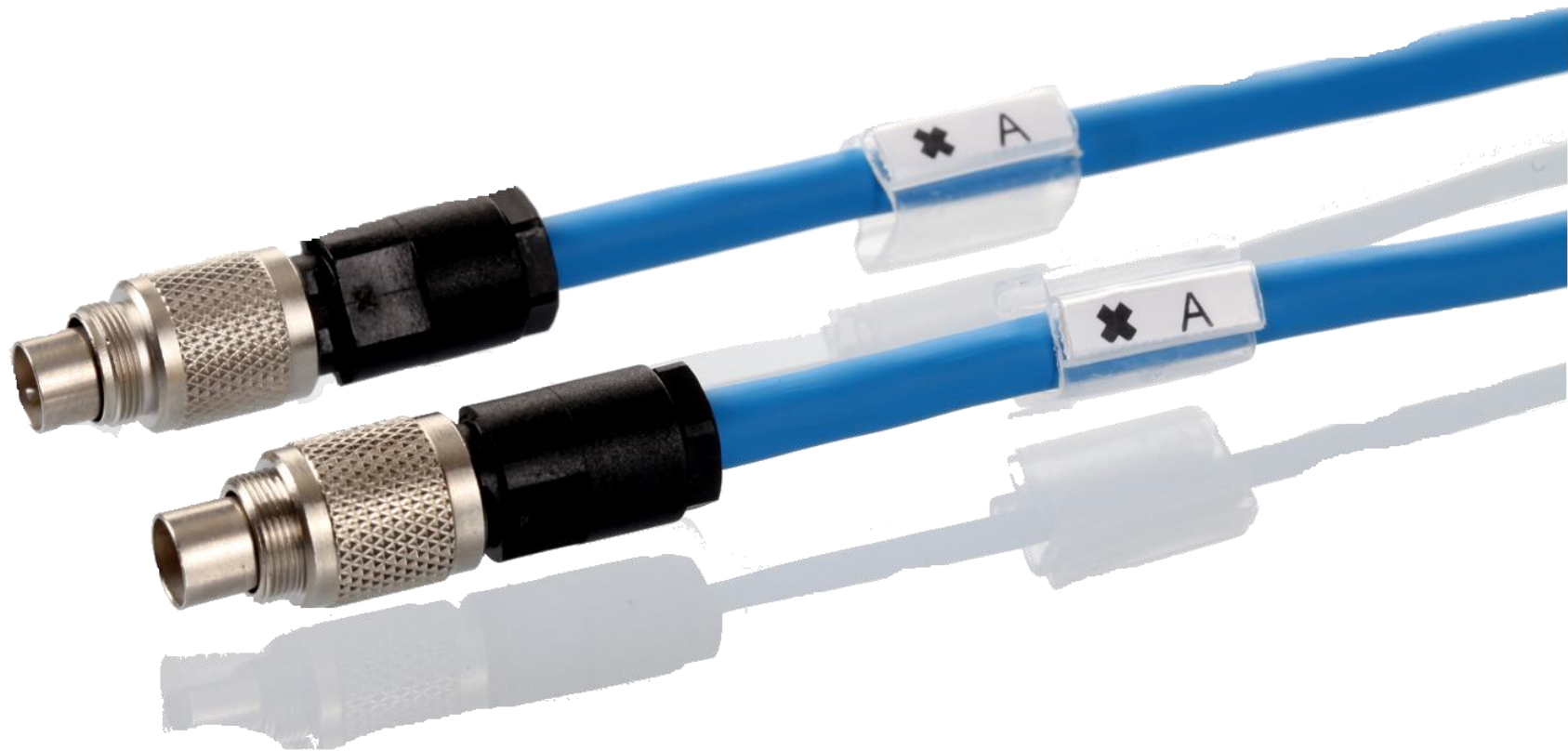
Cable for connecting the Sensors to the Manifold Board of the System. The Cables can be supplied in various lengths between 1m and 3m.

Product Specifications

Cable designation:	LIICY 0,14mm ²
Operating Temperatur:	-30 up to +70°C
Number of conductors:	5
Connector/Jack:	5pol Jack Snap In-Plug
Shielding:	yes
Cable color:	Blue
Length:	1-3m

CABLE SENSOR

Item Description	ART / ID	Cable Lengths
VIS-CABLE-SENSOR	ART000719/13116P14	1m
VIS-CABLE-SENSOR	ART002929/13166P40	1,5m
VIS-CABLE-SENSOR	ART002114/13116P15	2m



CABLE-NI



Description

Cable for connecting the analog NI Card to the LIS Console IM.

Product Specifications

Cable designation:	NI-SHC68
Operating Temperatur:	-30 up to +70°C
Number of conductors:	68 pins
Connector/Jack:	SubD 25pol / SCSI III
Shielding:	yes
Cable color:	Black

Item Description

ART / ID

Length

VIS-CABLE-NI

ART000801/13166P4

0,2m

CABLE SIGNAL



Description

Cable for connecting the Manifold Board to the LIS Console IM.

Product Specifications

Cable designation:	LIYCY
Operating Temperature:	-30 up to +70°C
Number of conductors:	25 pin SubD 44pol HD Plug
Connector/Jack:	yes
Shielding:	Grey
Cable color:	

Item Description

ART / ID

Length

VIS-CABLE-SIGNAL

ART001565/13166P5

1,8m

CABLE POWER



Description

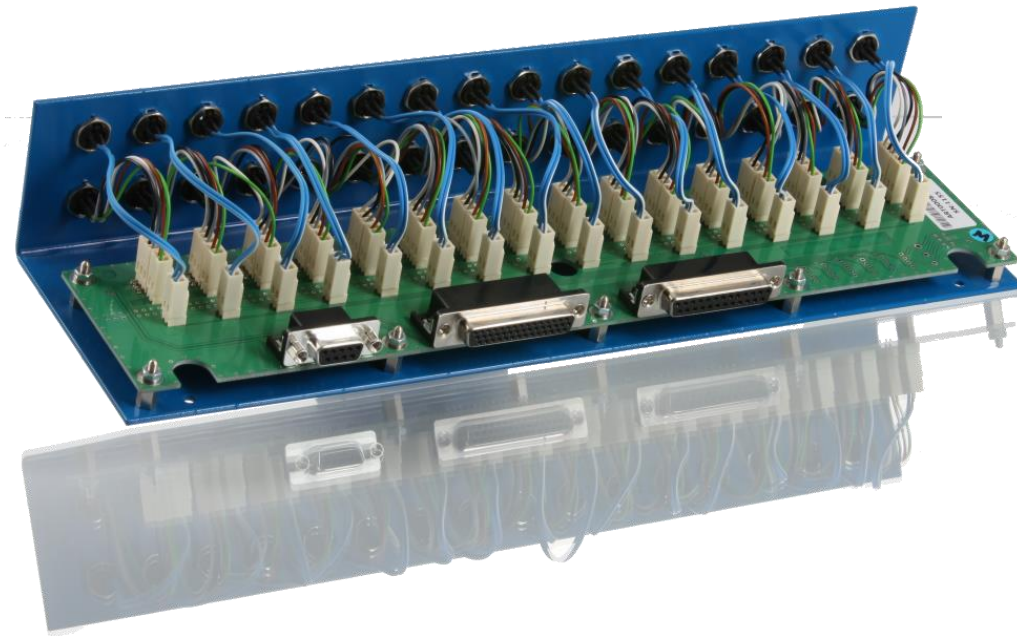
Cable for connecting the Power Supply to the LIS Console IM.

Product Specifications

Cable designation:	M-Flex-JZ 1,5mm ²
Operating Temperatur:	-30 up to +70°C
Number of conductors:	8
Connector/Jack:	8pol Connector
Shielding:	no
Cable color:	Grey

Item Description	ART / ID	Length
VIS-CABLE-POWER	ART000709/13166P3	5m

MANIFOLD BOARD LEFT



Description

Cable connection box for the LIS System IM. The box offers ports for 16 Lights and Sensors (Channel 1-16) as well as a RS232 Port to connect the Manifold Board to the LIS Console IM.

Product Specifications

Operating Temperature:	-10 up to +60°C
Humidity:	95% non condensing
Channels:	1-16
Ports:	25pol DSUB Light 44pol DSUB Sensor 9pol DSUB RS232

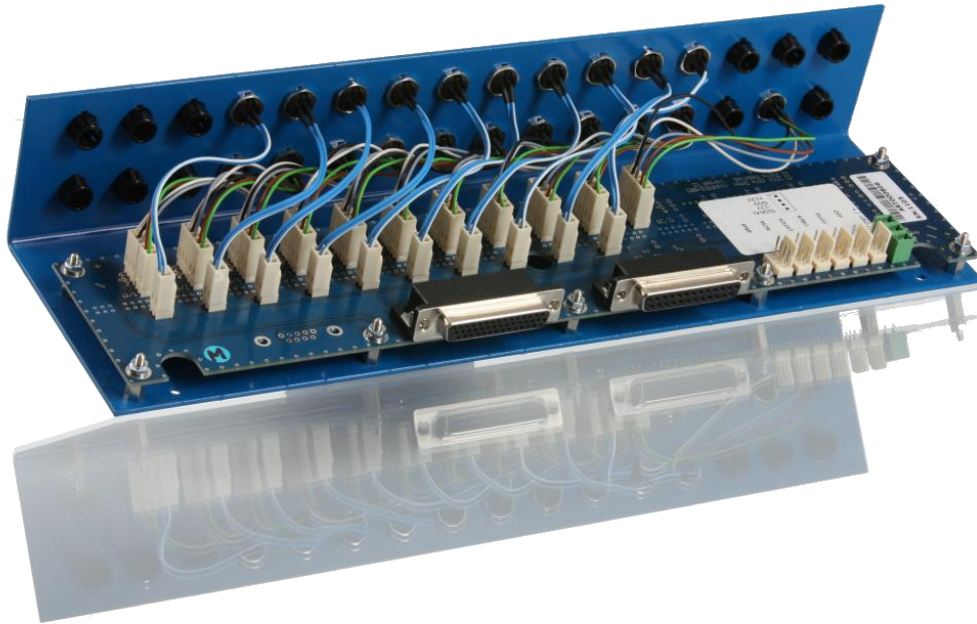
Item Description

ART / ID

VIS-MANIFOLD-BRD-LEFT

ART000805/13166P9

MANIFOLD BOARD RIGHT



Description

Cable connection box for the LIS System IM. The box offers ports for 10 Lights and Sensors (Channel 17-27).

Product Specifications

Operating Temperature:	-10 up to +60°C
Humidity:	95% non condensing
Channels:	17-27
Ports:	25pol DSUB Light 44pol DSUB Sensor
	Connectors: Dip, Plug, Ring, Aux and MNR

Item Description

VIS-MANIFOLD-BRD-RIGHT

ART / ID

ART000806/13166P8

MANIFOLD BOARD EMPTY



Description

Provides only connections for: DIP, PLUG, RING, AUX and MNR

Product Specifications

Operating Temperatur:	-10 up to +60°C
Humidity:	95% non condensing

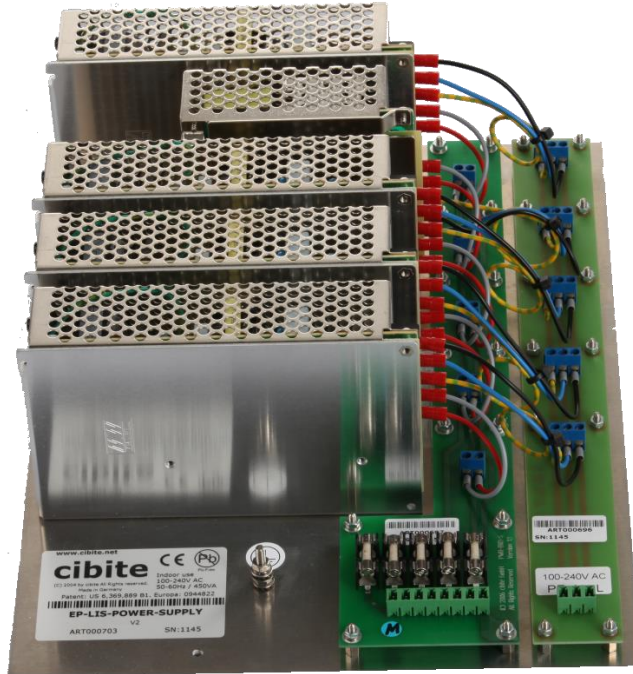
Item Description

ART / ID

VIS-MANIFOLD-BRD-EMPTY

ART001654/13166P27

POWER SUPPLY



Description

Powersupply for the System which provides the Master as well as the Slave.

Product Specifications

Input Voltage:	100 – 240VAC 50/60Hz
Operating Temperatur:	-10 up to +60°C
Humidity:	90% non condensing
Measures:(HxWxD)	32,5 x 25 x 10cm

Item Description

VIS-POWER-SUPPLY

ART / ID

ART000709/13166P2

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