

Spezifikationen / OPL 9736

Electrical specifications

Voltage requirement	5 V ± 10%
Current consumption	max. 100 mA
Idle current	max. 20 mA (reader connected, but not triggered)

Optical specifications

Light source	650 nm visible laser diode
Scan method	vibrating mirror
Scan rate	100 scans/sec
Decode rate	100 decodes/sec
Reading pitch angle	+8 - +50°, -8 - -50°
Reading skew angle	± 25°
Reading rotation angle	20°
Reading width	45 - 305 mm, depending on reading distance and bar code label resolution
Min. Resolution at PCS 0.9	0.15 mm (6 mil)
Min. PCS value	0.45
Depth of field	60 - 365 mm (UPC PCS0.9, resolution 1.00), 40 - 220 mm (UPC PCS0.9, resolution 0.5), 35 - 145 mm (UPC PCS0.9, resolution 0.25), 35 - 75 mm (UPC PCS0.9, resolution 0.15)

Identification

Supported barcode symbologies	Chinese Post - Codabar ABC and CX - Code 39 - Code 39 Full ASCII - Code 93 - Code 128 - EAN-8 incl. +2,+5 - EAN-13 incl. +2,+5 - EAN-128 - IATA - ISBN - ISSN - Industrial 2of5 - Interleaved 2of5 - Italian Pharmaceutical - Matrix 2of5 - MSI/Plessey - UK/Plessey - Telepen - TriOptic - S-Code - UPC-A incl. +2,+5 - UPC-E incl. +2,+5
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Functionality

Trigger mode	manual
Configuration	over 300 parameters can be set by RS232 or menu book
Available interfaces	Keyboard Wedge: XT/AT and PS2, RS232, USB

Environmental specifications

Temperature in operation	0 - +40 °C
Temperature in storage	-10 - +60 °C
Humidity in operation	20 - 80 % (non condensing)
Humidity in storage	20 - 90 % (non condensing)
Ambient fluorescent light	3.000 lux max.
Ambient white light	3.000 lux max.
Ambient incandescent light rejection	50.000 lux max.
Shock drop test	1.5 m drop onto concrete surface
Shock vibration test	12 - 100 Hz with 2G for 1 hour

Physical specifications

Dimensions	(l x w x d) 125 x 42 x 19 mm
Case material	ABS
Weight body	< 85 g (excl. cable)
Cable length	2 mtr straight
Connector Keyboard Wedge	MiniDIN 6
Connector RS232	DB9 F with external power
Connector USB	USB-A

Regulatory

Laser safety class	IEC 825, Class I laserproduct
EMC	EN 55022, EN 55024