Spezifikationen / OPL 6735

Electrical specifications

Voltage requirement	5 V ± 10%
Current concumption	max. 150 mA
Rush current	200 mA (2ms when trigger activated)
Idle current	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 width	40 - 330 mm, depending on reading distance and bar code label resolution, 68 mm at 30 mm, 123 mm at 100 mm
Min. Resolution at PCS 0.9	0.15 mm (6 mil)
Min. PCS value	0.45
Depth of field	20 - 330 mm (UPC PCS0.9, resolution 1.00), 0 - 200 mm (UPC PCS0.9, resolution 0.50), 0 - 110 mm (UPC PCS0.9, resolution 0.25), 0 - 40 mm (UPC PCS0.9, resolution 0.15), 0 - 10 mm (UPC PCS0.45, resolution 0.15)
Reading mode	normal bar code reading
Reading mode optional	parallel reading

Identification

Supported barcode symbologies	Chinese Post - Codabar ABC and CX - Code 39 - 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 2 of 5 - MSI/Plessey - UK/Plessey - Telepen - TriOptic - S-Code - UPC-A incl. +2,+5 - UPC-E incl. +2,+5

Functionality

Trigger mode	auto-trigger, RS232, Manual
Configuration	over 300 parameters can be set by RS232 or menu book
Available interfaces	Keyboard Wedge: XT/AT, PS2 and IBM, 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 direct sun light	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) 159 x 57 x 32 mm
Case material	ABS
Weight body	120 g
Available colors	white/black
Connector Keyboard Wedge	DB9 F
Connector RS232	DB9 F with external power
Connector USB	USB-A

Stand

Dimensions	baseplate (l x w): 198 x 167 mm, height (excl.scanner): 244 mm
Weight	270 g (excl. scanner)
Purpose	autotriggerstand
Available colors	white/black

Regulatory

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