

## Spezifikationen / OPL 5735

### Electrical specifications

Voltage requirement	5 V $\pm$ 5%
Current consumption	80 mA max (at reading, communication off)
Idle current	20 mA max

### 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	$\pm$ 30°
Reading skew angle	+8 - +50°, -8 - -50° (at CODE39 PCS0.9, resolution 0.25, 15% skew, 50mm from window)
Reading tilt angle	20°
Curvature	R>15 (at EAN8), R>20 (at EAN13)
Reading width	50 - 265 mm, depending on reading distance and bar code label resolution
Min. Resolution at PCS 0.9	0.127 mm (5mil)
Min. PCS value	0.45
Depth of field	20 - 300 mm (UPC PCS0.9, resolution 1.00), 0 - 200 mm (UPC PCS0.9, resolution 0.50), 0 - 120 mm (UPC PCS0.9, resolution 0.25), 0 - 42 mm (UPC PCS0.9, resolution 0.15), 0 - 20 mm (UPC PCS0.9, resolution 0.127)

### 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, auto-trigger
Available interfaces	Keyboard Wedge: XT/AT and PS2, RS232, USB

### Environmental specifications

Temperature in operation	0 - +50 °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 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 3 hours

### Physical specifications

Dimensions	(l x w x d) 161 x 72 x 38 mm
Weight body	80 g
Weight cable	USB ca. 55 gr, RS232 ca. 80 gr., Wedge ca. 65 gr.
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