

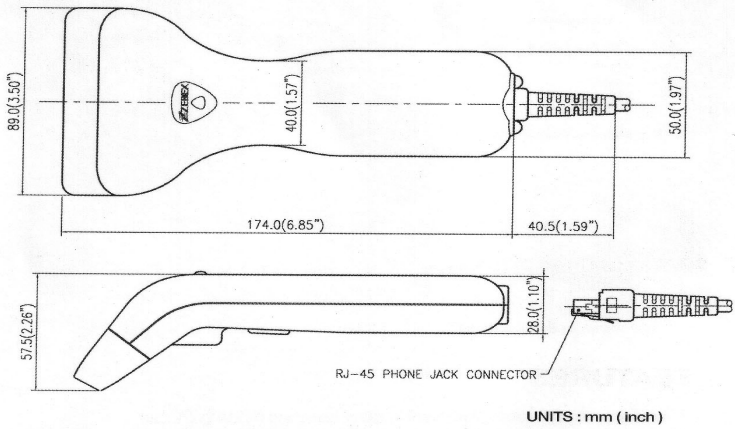


Z-3080

Touchreader



Dimensioned drawing

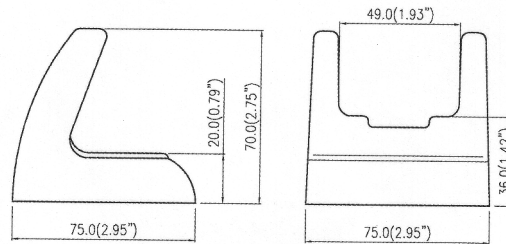


VDE  
UL  
CSA



- Scanning by approaching or touching the bar code
- High resolution
- Robust trigger button
- Built-in decoder
- Display and signal output for accomplished reading
- Ergonomical and robust housing for different applications
- With RS 232, USB and PS2/AT interface
- Operating temperature 0°C ... +50°C

Dimensioned drawing bracket part no. 500 34617 (available separately)



Electrical connection

Pin assignment

of 9-pin female D-Sub connector for Part No. 500 34621 (RS 232 cable)

Pin number	Signal	Meaning
2	TXD	Transmit Data
3	RXD	Receive Data
5	GND	Signal Ground
7	CTS	Clear to send
8	RTS	Request to send
9	+5VDC	5 Volts DC

Accessories:

(available separately)

- PS2/AT cable for Z-3080  
Part No. 500 34613
- RS 232 cable for Z-3080  
Part No. 500 34621
- USB cable for Z-3080  
Part No. 501 03316
- Holder for Z-3080  
Part No. 500 34617
- Power supply PWO-90804-VD  
Part No. 500 34618

Assignment

of plug-in connector (power supply)

Connection	Signal	Meaning
inside	+9VDC	9 Volts DC
outside	GND	Ground

We reserve the right to make changes • z-3080\_e.fm



## Specifications

### Electrical data

Operating voltage $U_B$	5VDC $\pm$ 5%
Current consumption	140mA

### Interfaces

Interface type Emulation	Keyboard-Wedge, USB, RS 232 for code output, IBM PC/XT/AT, IBM PS/2 Model 30-80, Apple Mac II and others ... via button or auto trigger
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### Bar codes

Code types	Bar codes. 2/5 Interleaved, UPC/EAN, Code 39, Full ASCII Code 39, Code 128, EAN 128, Code 93, Codabar
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### Optical data

Optical system	2048 pixel CCD
Resolution	0.127mm (Code 39, PCS=90%, contact)
Reading width	80mm
Contrast	$\geq$ 30% (black/white)
Light source	visible LED (wavelength 660nm)
Reading speed	100 readings/s
Maximum reading distance	20mm

### Mechanical data

Housing	plastic ABS
Weight	170g without cable
Cable length	approx. 2m
Connector	modular connector
Shock resistance	multiple falls from a height of 1 m onto a concrete floor

### Environmental data

Ambient temperature (operation)	0°C ... +50°C
Air humidity	10 ... 95% rel. humidity (non-condensing)
Ambient light	max. 1500 Lux (artificial light) max. 800 Lux (sunlight)

## Tables

## Remarks

- Ergonomically shaped bar code touch scanner with integrated decoder. Data transmission via configurable RS 232 interface. Or keyboard wedge operation via PS2 or USB interface.
- The respective cables can be ordered separately.

## Order guide

	Designation	Part No.
Touchreader	Z-3080	501 03315