



GeBE-MULDE Naut

GPT-6653

TECHNICAL INFORMATION

Highlights at first sight:

- built-in thermal printer in different plastic housing designs
- with front or backside (kiosk application) closing
- for paper rolls with paper width 80 mm and diameter 80 mm
- suitable for protocol and receipt printing with text, graphics and barcode
- high quality printing in 203 dpi with 100 mm/s

The GeBE-MULDE Naut

The low-maintenance built-in thermal printer GeBE-MULDE Naut (GPT-6653) with cutter for full or partial cut is suitable for paper thickness up to 80 µm and also processes preprinted tickets. Two different housing designs are available. The printer can either be opened from the front or only from housing inside (kiosk version). The full or partial cut of the printout can be manually initiated or automatically (on request). Each printer version is available with paper rolls ø 80 mm.

Using the right paper, the printer can be operated in a temperature range of -10°C to +60°C (14°F to 140°F), therefore also suitable for outdoor applications.

Typical application

- Protocol printing, e.g. in measurement instruments, medical or industrial equipment or for documentation
- Receipt printing, e.g. at POS terminals, in accounting systems (cash deposit/payment) or in retail industry (cash voucher)

Drivers

The printer will be supported by following drivers:

Windows[®] CE 5.0, 6.0, 7.0 and Windows[®] XP, 7, 8, 8.1, 10

Unix via Cups for Linux and Mac OS

Accessory

Article number	Article designation
Cable	
13492	Data round cable USB 2.0, Mini-B to USB type A, length 1,000 mm (39.37 inch)
10258	Power supply cable 10 – 26 VDC, 2 single wires 1.0 mm ² (0.0015 inch ²), with end sleeve, one side open, length 500 mm (19.69 inch)
13721	Power supply adapter cable, connection Phoenix big GM 5.08 to DC socket ø5.5/2.1 mm (ø 0.22/0.08 inch), single wires 1.0 mm ² (0.0015 inch ²), with end sleeve, length 100 mm (3.94 inch)
Power supply	
13694	Power supply Open Frame 24V 6.5A with Schuko plug and power supply cable
Options	
12561	Interface converter ethernet to V.24, 8 - 36 VDC power supply, on request
Paper	
13006	7 years paper, roll ø 80 mm (3.15 inch), core inside ø 12 mm (0.47 inch), width: 79.5 ±0,5 mm (3.13 ±0.02 inch), paper thickness: 60 µm (2.36 mil), outside coated, running length: approx. 80 m (87.49 yd)

Technical drawings

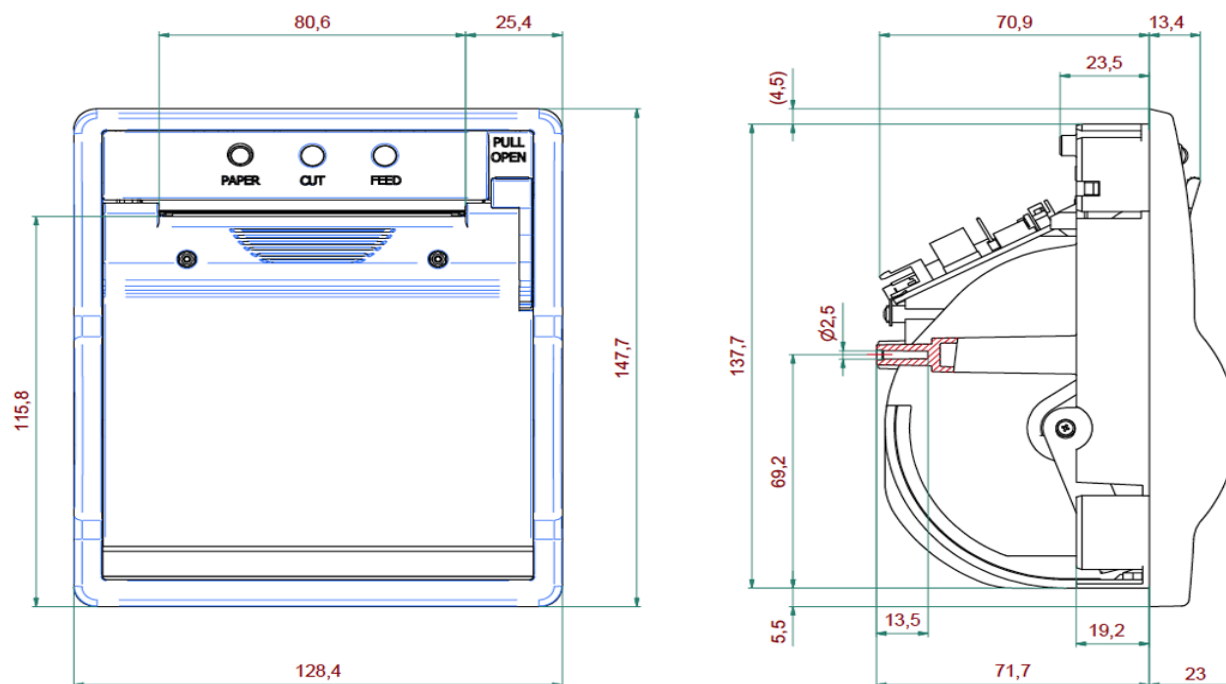


Figure 1: Dimensions GeBE-MULDE Naut GPT-6653 (max. \varnothing 80 mm paper roll) in mm

Technical data details

	GPT-6653-80
Insert paper	easy paper loading
Print procedure	thermal direct print
Resolution	8 dots/mm (203dpi), 576 dots/line
Print speed	100 mm/s (3.94 inch/s)
Paper width	80 mm (3.15 inch)
Print width	72 mm (2.83 inch)
Paper thickness	60 – 80 µm (2.36 – 3.15 mil)
Paper length	approx. 80 m (8.78 yd)
Paper roll diameter	max. 80 mm (3.15 inch)
Supply voltage	24 VDC
Current consumption print	adjustable via command: 3 – 12 A
Current consumption without print	approx. 60 mA (depending on interface)
Available interfaces	USB, optional: RS232
Fonts	IBM II 24, 32, 42, 54 character/line, extendable
Barcode	Code39, 2of5 interleaved, EAN13 (optional: Code128c, UPC_A, PDF417)
MTBF*)	50 km (31 mile)
Cutter	min. 500.000 cuts
Dimensions (W x H x D)	128.4 x 147.7 x 94.7 mm (5.06 x 5.81 x 3.73 inch)
Weight without paper roll	ca. 360 g
Housing	polycarbonate
Environment **)	-10°C – +60°C (14°F – 140°F) with specified paper
Humidity	10 – 90 % rel. humidity, without condensation
Storage condition	-20°C – +70°C (-4°F – +158°F) at 10 – 90 % rel. humidity, without condensation

*) Life cycle according to mechanism testing conditions of the manufacturer with specified paper only. Please inquire. The life cycle of the print head is an averaged expectable performance and no guaranteed data. Under optimum conditions, the above listed data can be achieved using specified paper according to our documentation TI-606.

***) In case the print head reaches the maximum ambient temperature, the printer will interrupt operation until cooling down and sends an error message.

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