

Forms printer, type 6863-7

- **Efficient 24-dot-matrix-printer for the data collection during mineral oil delivery.**
- **Operating voltage directly from the on board power supply.**



Features

Extremely fail-safe P-NET interface to the data transmission and the control of the print-out (field-bus RS485).

Alphanumerical and graphic fonts.

Several fonts and font sizes, various print effects and print modes for complex documents. Among other features, 9 calligraphic fonts, 13 font sizes for Sans-Serif and Roman fonts, narrow and wide font styles, italic, bold and shadow print styles etc.

Draft mode for quick printing, up to 252 characters per second.

Graphics-capable, maximum resolution up to 360 x 360 dpi.

Suitable for single-sheet paper with 148 ... 257 mm (width) and continuous paper with 101 ... 254 mm (width). It is possible without problems to switch from one paper type to the other one.

Multifunctional paper handling with 4 paper-ways. According to requirements, single sheet paper can be supplied from top or front, continuous paper can be supplied from front, rear or bottom.

Paper-saving automatic cutting-off. After cutting off the page printed last, the printer automatically transports the subsequent sheet to the print start position.

Several adjusting options for different paper types, as well as the number of copies etc. are guaranteed for a reliable paper transport.

Application

Universally applicable, calibratable dot-matrix printer for measurement value and data recording during mineral oil delivery.

- Creates invoices, delivery notes, dispo lists and other vouchers.
- Individual documents due to a variety of design possibilities.
- Protocol editing via software.
- Continuous paper and single sheet paper.
- Paper feed from top, bottom, front or rear.
- User-friendly, low-noise device.
- Suitable for installation in vehicles.

Description

This form printer registers and records measurement data, interference data and other data, creates delivery notes, invoices, dispo lists, collective vouchers and other documents.

This compact device provides high-quality print-outs and offers a variety of design possibilities.

One particular advantage is its user convenience, including among other things a new, trend-setting paper handling.

The printer control and the specification of the document design are carried out via the PETRODAT device. Therefore, only few operations are required for the on-site handling.

Licence

Calibratable, approved in accordance with PTB no. 1.32.4-5.574 - ULT92.56.

Technical data			
Mechanical data			
Casing	Table casing 438 x 172 x 375 mm (w x h x d)		
Connection	9-pole Submin-D-plug (P-NET), 2- pole plug (DC 24 V) 1.5 m mains cable (for AC 220)		
Weight	Approx. 71 N (= 7.1 kg)		
Electrical data			
Printing procedure	24-dot matrix printing procedure		
Print image	Alphanumerical and graphic font with 14 international fonts, 1 italic and 5 graphics character tables		
Fonts	Draft, Courier, Roman, Sans Serif, Prestige, Script, Script C, Orator, Orator S., OCR-B		
Font width	10 cpi (80 characters / lines), 12 cpi (96 characters / line), 15 cpi (120 characters / line), 10 cpi narrow (137 characters / line), 12 cpi narrow (160 characters / line).		
Font size	8/10/12/14/16 etc. up to 32-dot for Roman font and Sans Serif font.		
Line spacing	1/6" or programmable (in steps of 1/360")		
Print direction	Bi-directional, print-way optimisation for text and graphics (for graphics also uni-directional).		
Print speed	Printing quality	Font width	characters/sec./line
	Draft	10 cpi	330
		12 cpi	396
	Letter quality	10 cpi	110
12 cpi		132	
Printing paper	Single sheet paper: 100 ... 257 mm wide (feed from top) or 100 ... 257 mm wide (feed from front). Print width max. 203 mm.		
Continuous paper	100 ... 257 mm wide, print width max. 203 mm.		
Paper weight	52 ... 90 g/m ² (single sheet) or 40 ... 58 g/m ² (multiple form)		
Copies	max. 3 copies		
Ink ribbon	Ink-ribbon cassette, black, no. C13S015337 Durability: max. 4 x 10 ⁶ characters		
P-NET-Port	Serial fieldbus interface, P-NET (RS 485), 76.800 bit/s, Line length max. 1200 m, galvanically isolated.		
Auxiliary energy	DC 11 ... 36 V, max. 7 A (boardnet) I _{standby} = 0.2 A, I _{Nominal} = 3.0 A or AC 220/240 V ±10 %, 50 - 60 Hz, max. 43 VA		
Ambient conditions			
Operating temperature	0 ... 50 °C		
Storage temperature	- 20 ... 60 °C		
Protective type	IP 30		
Climatic class	KWF in accordance with DIN 40040		
Ordering details			
Forms printer, type 6863-7, 24 V, DIN A4			233 791
Forms printer, type 6863-7, 230 V, DIN A4, P-NET			236 115
Accessories			
Printer bracket 6863-7-01 Shock-absorbing device bracket with paper chamber and terminal box for P-NET- and DC-24-V connection)			233 792
Ink-ribbon cassette black (EPSON no. C135015337)			234 939
Mounting plate (to convert the printer bracket from 6863-5 to 6863-7)			234 269
Mounting plate (to convert the printer bracket from 6863-6 to 6863-7)			234 269