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Compact Tachograph

KTCO 1318

Compact design combined with microprocessor-controlled processing of measured values and analog recording are the main characteristics of the Compact Tachograph KTCO 1318.

Optimally used, it provides valuable data for both driver and fleet as a part of an integrated information system. Optimized tour scheduling, improved profitability and reduced operating costs are only a few examples of its efficiency. The tamperproof recordings on the tachograph chart allow up-to-the-second reconstruction of accidents, quite often for the driver's defence.

Features

- Mounting depth only 89 mm, opening radius of cover 124 mm
- Automatic recording of driving time
- Optical data interface for data transmission
- Function control LED (tachograph chart, cover, recording stylus)
- Adjustable speed warning signal
- Back lighting with luminescent pointers
- Automatic shutoff of working time motor after 25 hours (reduced power consumption)
- Electronically analysable recordings

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Technical information

	Device for Speed	Device with Number of revolutions (optional)
Measuring range	80, 125, 140, 160, 180 km/h	(2,500, 3,300 min ⁻¹)
Operating temperature	-25 °C ... +70 °C	
Operating voltage	12 or 24 volts	
Power consumption (standby)	typ. 30 mA bei 24 volts	typ. 25 mA at 12 volts
Pulse range	2,400 - 24,800 Imp/km	engine speed 2,050 - 62,200 Imp/1,000 min ⁻¹
Mounting position	0 ° to 90 °	
Inputs	v-sensor, test socket	
Outputs	v-pulse, test socket, optical interface	
Tolerance	+/- 3 km/h +/- 200 min ⁻¹ +/- 5 s/d Way +/-1 %/km	
Protection	IP 54 acc. to EN 60529	
EMC	DIN / VDE 0879T3 / IEC 801 - 2 / ISO 7637 / DIN 40839	
Vibrations	10 - 60 Hz, 0,35 mm	60 - 2,000 Hz, 5 g
Casing	Noryl (PPO) with 30 % fibre glass	
Weight	approx. 1,080 g	(engine speed approx. 1,100 g)
Available special equipment	Additional stylus, connection for current limiter for the carriage of dangerous goods, distance-independent signal 4 imp/m, connection for external v-warning contact, stop and go signal	

Scope of functions

Functions	Display	Recording/ chart
Road speed	•	•
Date	-	1)
Time	•	2)
Total kilometers driven	•	1)
Daily kilometers	-	•
Driving, working and rest times	•	•
Events/faults	•	•
Speed warning signal	•	-
Additional stylus	-	°
Opening marks	-	•
Engine speed	°	°

• standard ° option - not planned 1) manual 2) graphical

