

Hour meters / timers, electromechanical

Timers, round design

High protection rating (AC+DC)

HR 76



The hour meter HR 76 feature a very high shock resistance.

These panel-mount counters for round panel cut-outs can be used in many different fields of application. These non-resettable counters are very robust and extremely tamper-proof.

Characteristics

- 6-digit hour meter
- Low cost
- High shock resistance
- Low energy consumption
- Magnified large figures
- Protection IP65
- Data retention in case of power failure
- Long service life

Benefits

- 50/60 Hz in the same device
- Small mounting depth
- Waterproof on the front and on the rear

Applications

Operating hours measurement with construction and agricultural machinery, compressors, power units

Type series

Description	Mounting	Type
Timer, round	screw mounting front side	HR 76.1
Timer, round	clip mounting	HR 76.2

Accessories

Counter mounting fixture	For round counters with cut-out ø 53 mm	schwarz	Order-No.
			N510199

Suitable gaskets as well as further accessories can be found in the accessories section or in the accessories area of our website at: www.kuebler.com/accessories.

Technical data

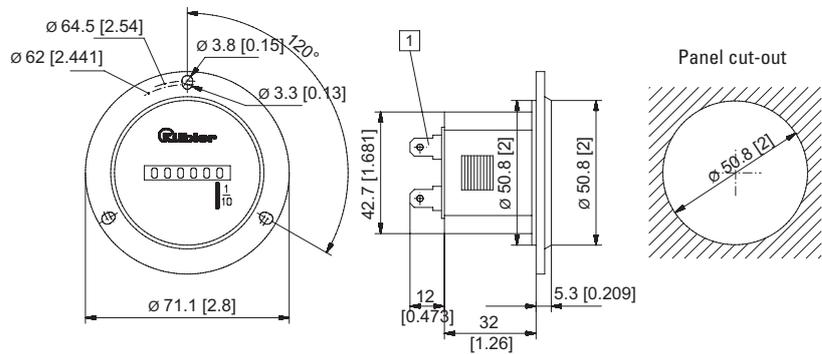
Electrical connection	flat pin 0.8 x 6.3 mm	
Power consumption	AC	max. 0.4 VA
	12 V DC	max. 0.08 W
	48 V DC	max. 0.7 W
Rated voltages	AC (50 or 60 Hz)	115/230 V AC, ± 10 %, 50/60 Hz
	DC	10 ... 80 V DC
On time	100 %	
Number of digits	6: 99999.9 h	
Count mode	adding	
Height of figures	3.5 mm heigh	
Colour of figures	white on black	
Reset	no reset	

Operating temperature	-30°C ... +65°C (non-condensing)	
Storage temperature	-40°C ... +85°C	
Mounting position	any	
Protection	IP65	
Housing	plastic PC (Polycarbonate)	
Accuracy	< 0.02% over the full range	
Weight	HR 76.1	56 g
	HR 76.2	54 g
EMC	Emitted interference	EN 55011 class B
	Immunity to interference	EN 61000-6-2
Device safety	Designed to	EN 61010 part 1
	Protection class	2
	Application area	Pollution level 2
UL approval	E128604	

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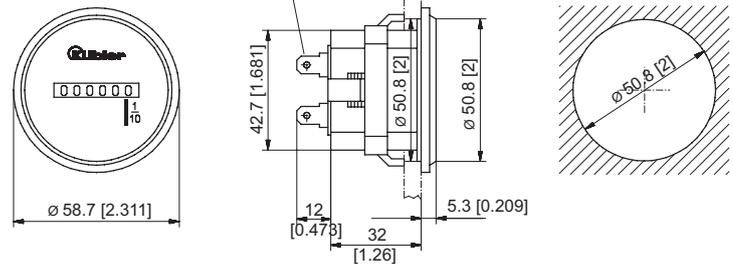
**Timer, round
screw mounting front side
Type HR 76.1**



1) Electrical connection: flat pin 0.8 x 6.3

Type	Display	Voltage	Art.-No.			Gasket for front bezel N511150 not included in delivery
			10 ... 80 V DC	115 V	230 V	
HR 76.1	6 digits	AC (50/60 Hz)		0.135.100.301 ¹⁾	0.135.100.302 ¹⁾	
		DC	0.135.100.373 ¹⁾			

**Timer, round
clip mounting
Type HR 76.2**



For mounting the counter onto a flat plate, see accessories chapter
Art.-No.: N510199

1) Electrical connection: flat pin 0.8 x 6.3 2) max. 9

Type	Display	Voltage	Art.-No.			Gasket integrated in counter
			10 ... 80 V DC	115 V	230 V	
HR 76.2	6 digits	AC (50/60 Hz)		0.135.200.301 ¹⁾	0.135.200.302 ¹⁾	
		DC	0.135.200.373 ¹⁾			