

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

	Dimensions in mm [inch]	Order no.
Counter mounting fixture	for round counters with cut-out \varnothing 53 [2.09"]	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

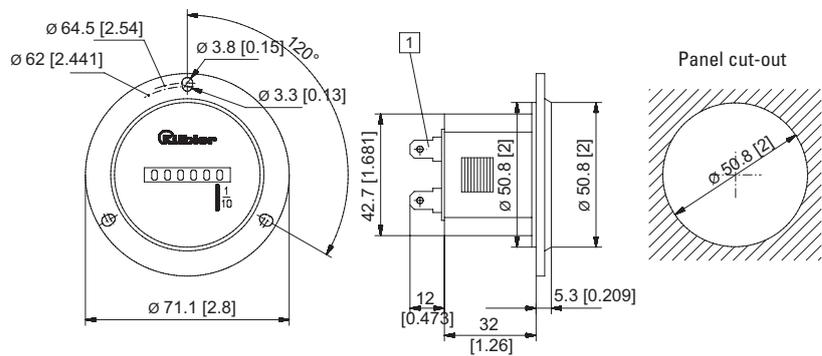
Electrical connection	flat pin 0.8 x 6.3 mm [0.031 x 0.25"]	
Power consumption	AC	max. 0.4 VA
	12 V DC	max. 0.08 W
	48 V DC	max. 0.7 W
Rated voltages	AC (50 or 60 Hz)	115/230 V AC, \pm 10 %, 50/60 Hz
	DC	10 ... 80 V DC
On time	100 %	
Number of digits	6: 99999.9 h	
Count mode	adding	
Height of figures	3.5 mm [0.14"] height	
Color of figures	white on black	
Reset	no reset	

Operating temperature	-30°C ... +65°C [-22°F ... +185°F] (non-condensing)	
Storage temperature	-40°C ... +85°C [-40°F ... +149°F]	
Mounting position	any	
Protection	IP65 (except the connections)	
Housing	plastic PC (Polycarbonate)	
Accuracy	< 0.02 % over the full range	
Weight	HR 76.1	56 g [1.98 oz]
	HR 76.2	54 g [1.91 oz]
EMC standards	EN 55011 class B EN 61000-6-2, EN 61000-6-3 EN 61326-1	
Device safety	designed to protection class application area	EN 61010 part 1 2 pollution level 2
UL approval	file E128604	

Hour meters / timers, electromechanical

Timers, round design | **High protection rating (AC+DC)** | **HR 76**

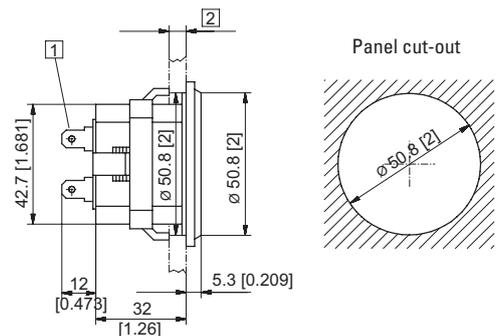
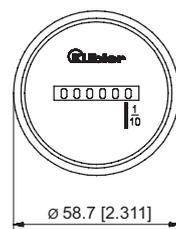
Timer, round screw mounting front side
Type HR 76.1



1) Electrical connection: flat pin 0.8 x 6.3 [0.031 x 0.25]

Type	Display	Voltage	Art. no.			
			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⁾	Gasket for front bezel N511150 not included in delivery
	6 digits	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 [0.031 x 0.25] 2) max. 9 [035]

Type	Display	Voltage	Art. no.			
			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⁾	Gasket integrated in counter
	6 digits	DC	0.135.200.373 ¹⁾			