

Type 186/187



- Clearly readable due to leading zero blanking
- Power supply and data retention by an internal lithium battery up to 10 years at 20 °C ambient temperature
- Manual and electrical reset
- Reset button to be enabled/disabled
- DIN standard housing 48 x 24 mm
- Additional bezel for screw mount in the scope of delivery
- Protection IP 65 (front)

Type 186: Time meter with time range: 99999999 s or 99999 min 59 s

Type 187: Hour meter with time range: 99999 h 59 min or 99999,99 h

Applications:

- Recording of running time outage times, set-up times
- Use in devices without external power
- Counting directly from contact closure

Technical data:

Power supply:	Built-in lithium battery (appr. 10 years at 20 °C)
Display:	LCD, 7 or 8 digits, 7 mm high characters
Time range:	see table
Conforms to CE:	EN 50081-1
Requirements acc. to:	EN 55022 Class B
Colour of housing :	black
Ambient temperature:	-10 °C...+60 °C
Storage temperature:	-10 °C...+60 °C
Protection:	IP 65 from front
Weight:	0.18X.012.830: 30 g 0.18X.012.83X: 42 g
Inputs:	
Reset:	Static reset input; no counting while this input is set to 0 V , min. pulse length: 25ms Contact closure/open collector NPN (switching to 0 V)
Reset enable:	Electrical enable of the reset button Contact closure input switching to 0 V (link to 0 V to enable reset button)
Time mode select:	Type 0.186.012.830 and 0.187.012.830 Contact input switching to 0 V, see table

Timing Input:	Type 0.186.012.830 and 0.187.012.830 Contact closure/open Collector, switching to 0 V; Counts as long as the input is 0 V Input sensitivity Low: 0 ... 0,7 V DC High: 3 ... 18 V DC
Timing Input:	Types 0.186.012.831 and 0.186.012.832 Types 0.187.012.833 and 0.187.012.834 Static count input: Counting as long as this input is connected to 5 ... 240 V AC/DC Input sensitivity Low: < 1 V AC/DC High: 5 ... 240 V AC/DC
Colour of housing:	black

Timing mode select

Type	Time range no connection	Bridge Pin 1 ... Pin 5
0.186.012.830	99999999 s	99999 min 59 s
0.187.012.830	99999 h 59 min	99999,99 h

Delivery includes:

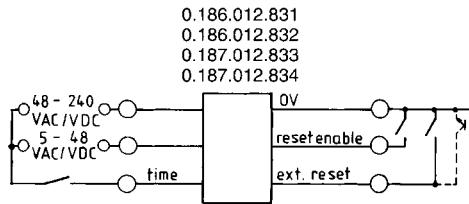
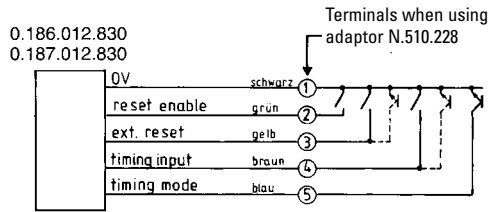
Counter with clip mount
Mounting bezel for screw mount

Type series and order code:

Type	Time range	Count input Voltage level	Mode of connection
0.186.012.830	99999999 s or 99999 min 59 s	3 ... 18 V DC	plug-on connector with 25 cm flying leads*
0.186.012.831	99999999 s	5 ... 240 V AC/DC	Screw terminal
0.186.012.832	99999 min 59 s	5 ... 240 V AC/DC	Screw terminal
0.187.012.830	99999 h 59 min or 99999,99 h	3 ... 18 V DC	plug-on connector with 25 cm flying leads*
0.187.012.833	99999 h 59 min	5 ... 240 V AC/DC	Screw terminal
0.187.012.834	99999,99 h	5 ... 240 V AC/DC	Screw terminal

*Adaptor for screw terminal connection N.510.228 available for 0.18X.012.830

Connections:



Dimension

