

Preset counters mechanic

Large meter and revolution counters, subtracting

Display 5 digits, manual reset by lever

ME230, UE230



ME230 - Meter counter



UE230 - Revolution counter

Technical data - electrical ratings

Preset	1 preset
Preset setting	Press reset button and hold. Enter desired value in any order. Release reset button.
Limit switch	Trigger at zero (subtracting)
Output contact	Change-over contact
Switching voltage	230 VAC / VDC
Switching current	2 A
Switching capacity	100 VA / 30 W
Spark extinguisher	Recommended for inductive load

ME230

Precontact	Permanent precontact as permanent contact (please indicate desired value when ordering)
------------	---

Features

- Preset counter with one preset
- Meter or revolution counter
- Subtracting
- Display 5-digits
- Reset by lever
- ME230 with precontact

Technical data - mechanical design

Number of digits	5-digits
Digit height	7 mm
Count mode	Adding in a rotational direction to be indicated, subtracting in reverse direction. See part number key
Drive shaft	Both sides, $\varnothing 7$ mm
Reset	By reset lever to preset value. Do not let snap lever or make jerky movements.
Measuring range	See part number
Ambient temperature	0...+60 °C
Housing type	Surface mount housing
Housing colour	Grey
Dimensions W x H x L	126 x 88 x 78 mm
Dimensions mounting plate	142 x 88 mm
Mounting	Base plate, 4 mounting holes
Weight approx.	950 g
Material	Aluminium die cast alloy
Connection	Terminal block connector
ME230	
Function	Meter counter with preset
Display	White numbers on black Decimal digits in red
Measuring speed	2 revs. = 1 digit = <2500 m/min 2 revs. = 10 di. = <250.0 m/min
Measuring accuracy	1 m, 1 dm
UE230	
Function	Revolution counter with preset
Display	White numbers on black
Operating speed	≤5000 rpm

Preset counters mechanic

Large meter and revolution counters, subtracting

Display 5 digits, manual reset by lever

ME230, UE230

Part number

Meter counter

ME230.0 0 A

Measuring range / trigger

- A 99 999 m / permanent contact at 00000
- B 9999.9 m / permanent contact at 00000
- G 89 999 m / permanent contact at 99999, with permanent precontact
- H 8999.9 m / permanent contact at 99999, with permanent precontact

Count mode /Direction of rotation

- 03 2 revs. = 10 digits / I
- 04 2 revs. = 10 digits / II
- 13 2 revs. = 1 digit / I
- 14 2 revs. = 1 digit / II

Housing

- A Surface mount housing, grey

Trigger

- 1 Permanent contact at 00000
- 5 Permanent contact at 99999, with permanent precontact

Revolution counter

UE230.0 1 0 A A

Measuring range

- A 99 999

Count mode /Direction of rotation

- 11 1 rev. = 1 digit / I
- 12 1 rev. = 1 digit / II

Housing

- A Surface mount housing, grey

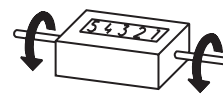
Trigger

- 1 Permanent contact at 00000

Direction of strokes and rotation



Away from user
Sense of rotation I



Towards user
Sense of rotation II

Accessories

Measuring wheels for ME230

- | | |
|-----------|---|
| MR512.07A | Circumf. 50 cm, knurled aluminium |
| MR542.07D | Circumf. 50 cm, smooth Hytrel TPE-E |
| MR552.07A | Circumf. 50 cm, smooth Vulkollan PUR |
| MR562.07A | Circumf. 50 cm, knopped rubber NBR Nitril |
| MR592.07D | Circumf. 50 cm, grooved Hytrel TPE-E |

Dimensions

