chanhvinh.com

Totalizers mechanic

Stroke, meter and revolution counters
Display 7-digits, reset by key

H 400, M 400, U 400, U 401



H 400 - Stroke counter



M 400 - Meter counter



U 400 - Revolution counter

Features

- **Stroke, meter and revolution counters**
- **Adding**
- **Display 7-digits**
- **Reset by key**

Technical data - mechanical design

Number of digits	7-digits
Digit height	7 mm
Reset	Reset by detachable key
Ambient temperature	0...+60 °C
Housing type	Surface mount housing with mounting plate
Housing colour	Grey
Dimensions W x H x L	106 x 64 x 45 mm
Dimensions mounting plate	120 x 64 mm
Mounting	Base plate, 4 mounting holes
Weight approx.	350 g
Materials	Housing: Hostaform POM, grey Base blate: steel zinc-coated

Subject to modification in technic and design. Errors and omissions excepted.

chanhvinh.com

Totalizers mechanic

Stroke, meter and revolution counters
Display 7-digits, reset by key

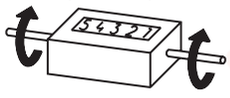
H 400, M 400, U 400, U 401

Technical data - mechanical design

H 400	
Function	Stroke counter
Display	White numbers on black
Count mode	Adding in a stroke direction to be indicated. 1 stroke = 1 count
Drive shaft	Both sides, ø7 mm
Stroke	>38° to <60°
Stroke lever	To be positioned on shaft at will. Stroke lever relocates automatically to start position.
Stroke frequency	≤500 strokes/min
Measuring range	9 999 999
M 400	
Function	Meter counter
Display	White numbers on black Decimal digits in red
Count mode	Adding in a rotational direction to be indicated, subtracting in reverse direction. 2 revs. = 10 counts
Drive shaft	Both sides, ø7 mm
Measuring speed	<100 m/min (measuring wheel)
Measuring accuracy	1 dm
Measuring range	999 999.9 m
U 400	
Function	Revolution counter
Display	White numbers on black
Count mode	Adding in a rotational direction to be indicated, subtracting in reverse direction or always adding. 1 rev. = 1 count
Drive shaft	Both sides, ø7 mm
Operating speed	≤1000 rpm
Measuring range	9 999 999
U 401	
Function	Revolution counter
Display	White numbers on black
Count mode	Adding in a rotational direction to be indicated, subtracting in reverse direction. 1 rev. = 1 count
Drive shaft	Centered below, ø7 mm
Operating speed	≤1000 rpm
Measuring range	9 999 999

Direction of strokes and rotation

H 400, M 400, U 400

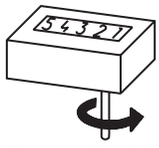


Away from user
Sense of rotation or stroke direction I

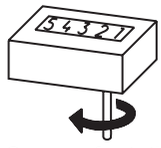


Towards user
Sense of rotation or stroke direction II

U 401



Sense of rotation I



Sense of rotation II

Accessories

Measuring wheels for M 400	
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

Subject to modification in technic and design. Errors and omissions excepted.

chanhvinh.com

Totalizers mechanic

Stroke, meter and revolution counters

Display 7-digits, reset by key

H 400, M 400, U 400, U 401

Part number

Stroke counter

H 400. | 010 | A | 02 | |

Display / direction of stroke
- A 7-digits 9 999 999 / I
- B 7-digits 9 999 999 / II

Count mode / drive
- 02 1 stroke = 1 digit / drive shaft on both sides

Housing
- A Surface mount housing, grey

Reset
- 010 With detachable key

Revolution counter

U 400.0 | | 0 | A | | |

Display / direction of rotation
- C 7-digits 9999999 / I
- D 7-digits 9999999 / II

Count mode / drive
- 01 1 revolution = 1 digit / drive shaft at right always adding
- 02 1 revolution = 1 digit / drive shaft at right adding / subtracting

Housing
- A Surface mount housing, grey

Reset / count mode
- 1 With detachable key / adding Subtracting: only first digit down to 0 or always adding
- 2 With detachable key / adding - subtracting

Meter counter

M 400.0 | | 0 | | 03 | |

Display / direction of rotation
- C 7-digits 999999.9 / I
- D 7-digits 999999.9 / II

Count mode / drive
- 03 2 revolutions = 10 digits = 1.0 m / drive shaft on both sides

Housing
- A Surface mount housing, grey
- B Surface mount housing with hinge plate

Reset / count mode
- 1 With detachable key / adding Subtracting: only first digit down to 0
- 2 With detachable key / adding - subtracting

Revolution counter

U 401.0 | | 0 | A | 01 | |

Display / direction of rotation
- A 7-digits 9 999 999 / I
- B 7-digits 9 999 999 / II

Count mode / drive
- 01 1 revolution = 1 digit / drive shaft at bottom

Housing
- A Surface mount housing, grey

Reset / count mode
- 1 With detachable key / adding Subtracting: only first digit down to 0
- 2 With detachable key / adding - subtracting

Subject to modification in technic and design. Errors and omissions excepted.

chanhvinh.com

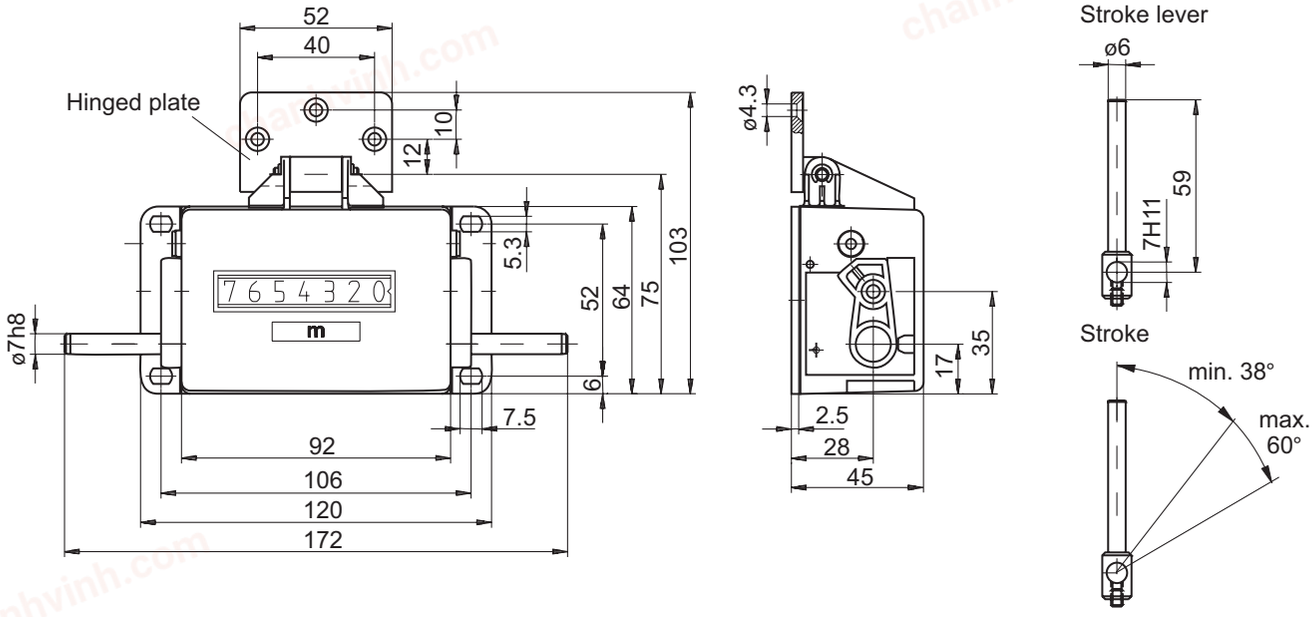
Totalizers mechanic

Stroke, meter and revolution counters
Display 7-digits, reset by key

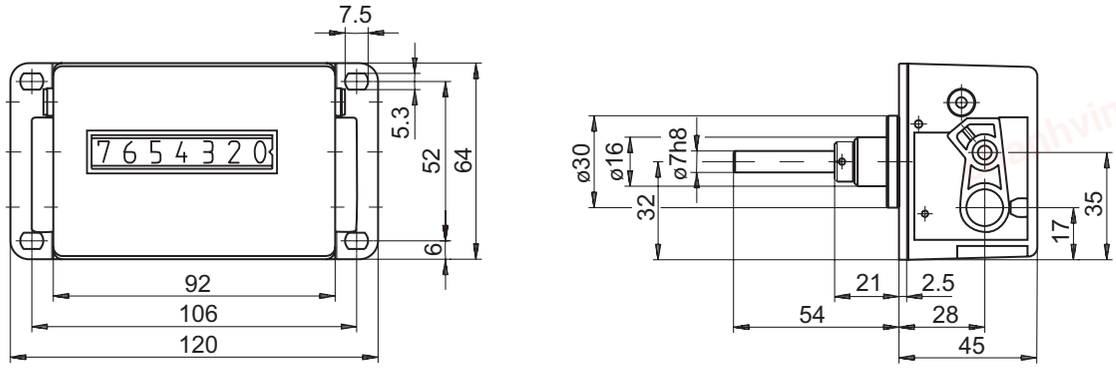
H 400, M 400, U 400, U 401

Dimensions

H 400, M 400, U 400



U 401



Subject to modification in technic and design. Errors and omissions excepted.