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Totalizers mechanic

Stroke, meter and revolution counters
Display 6-digits, reset by key

H 300, M 300, U 300



H 300 - Stroke counter



M 300 - Meter counter



U 300 - Revolution counter

Features

- **Stroke, meter and revolution counters**
- **Adding**
- **Display 6-digits**
- **Reset by key**

Technical data - mechanical design

Number of digits	6-digits
Digit height	4.5 mm
Reset	Reset by detachable key
Drive shaft	Both sides, ø4 mm
Ambient temperature	0...+60 °C
Housing type	Surface mount housing with mounting plate
Housing colour	Grey
Dimensions W x H x L	69 x 48 x 28 mm
Dimensions mounting plate	60 x 70 mm
Mounting	Base plate, 6 long mounting holes
Weight approx.	130 g
Materials	Housing: Hostaform POM, grey Base blate: steel zinc-coated

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

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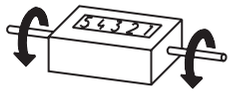
Technical data - mechanical design

H 300	
Function	Stroke counter
Display	White numbers on black
Count mode	Adding in a stroke direction to be indicated. 1 stroke = 1 count
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	999 999
M 300	
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. 5 revs. = 10 counts
Measuring speed	<100 m/min (measuring wheel)
Measuring accuracy	1 dm
Measuring range	99 999.9 m
U 300	
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
Operating speed	≤3000 rpm
Measuring range	999 999

Direction of strokes and rotation



Away from user
Sense of rotation or stroke direction I



Toward user
Sense of rotation or stroke direction II

Accessories

Measuring wheels for M 300	
MR211.04A	Circumf. 20 cm, knurled aluminium
MR241.04D	Circumf. 20 cm, smooth Hytrel TPE-E
MR261.04A	Circumf. 20 cm, knopped rubber NBR Nitril
MR291.04D	Circumf. 20 cm, grooved Hytrel TPE-E

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Part number

Stroke counter

H 300. | 010 | A | 01 | |

Display / direction of stroke
- A 6-digits 999 999 / I
- B 6-digits 999 999 / II

Count mode / drive
- 01 1 stroke = 1 digit / drive shaft on both sides

Housing
- A Surface mount housing, grey

Reset
- 010 With detachable key

Meter counter

M 300. | 010 | A | 06 | |

Display / direction of rotation
- C 6-digits 99 999.9 / I
- D 6-digits 99 999.9 / II

Count mode / drive
- 06 5 revolutions = 10 digits = 1.0 m / drive shaft on both sides

Housing
- A Surface mount housing, grey

Reset
- 010 With detachable key

Revolution counter

U 300. | 010 | A | 01 | |

Display / direction of rotation
- A 6-digits 999 999 / I
- B 6-digits 999 999 / II

Count mode / drive
- 01 1 revolution = 1 digit / drive shaft on both sides

Housing
- A Surface mount housing, grey

Reset
- 010 With detachable key

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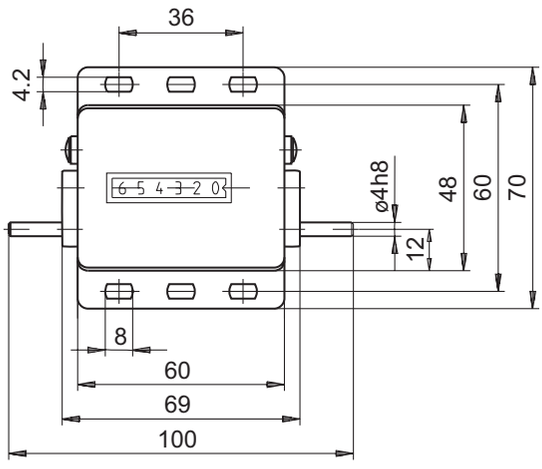
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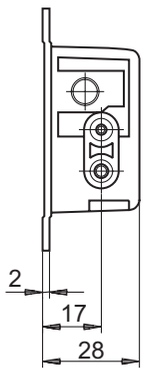
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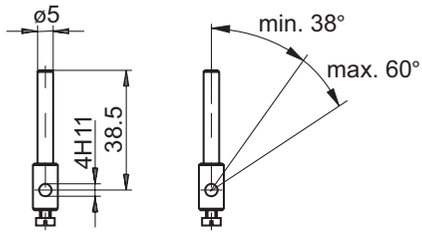
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Dimensions





Stroke lever and stroke



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