Preset counters mechanic

Meter counters PTB approved, adding

Display 5 digits, manual reset by lever

ME280 PTB



ME280 - PTB Meter counter

Features

- **PTB Preset counter with one preset**
- **Meter counter**
- **Adding**
- **Display 5-digits**
- **Reset by lever**

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 preset 1 (adding)
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

Technical data - mechanical design

Function	PTB Meter counter with preset
Display	White numbers on black Decimal digits in red
Number of digits	5-digits
Digit height	7 mm
PTB approval	1.5 / 80.13
Count mode	Adding in a rotational direction to be indicated, subtracting in reverse direction. 2 revolutions = 100 counts
Drive shaft	Both sides, ø7 mm
Reset	By reset lever to preset value. Do not let snap lever or make jerky movements.
Measuring speed	2 revs. = 100 digits = <25.00 m/min
Measuring precision	1 cm
Measuring range	999.99 m
Operating temperature	0...+60 °C
Housing type	Surface mount housing
Housing colour	Grey
Dimensions W x H x L	120 x 105 x 95 mm
Dimensions mounting plate	158 x 105 mm
Mounting	Base plate, 4 mounting holes
Weight approx.	1400 g
Material	Aluminium die cast alloy
E-connection	Terminal block connector

30/10/2008 Subject to modification in technic and design. Errors and omissions excepted.

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Part number

ME280.0 | **6** | **0** | **G** | | **C** |

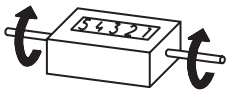
Measuring range
C 999.99

Count mode /Direction of rotation
01 2 revs. = 100 digits / I
02 2 revs. = 100 digits / II

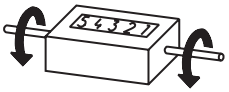
Housing
G Surface mount housing, grey

Preset / reset
6 2 preset / reset lever, permanent contact

Direction of strokes and rotation



Away from user
Sense of rotation I



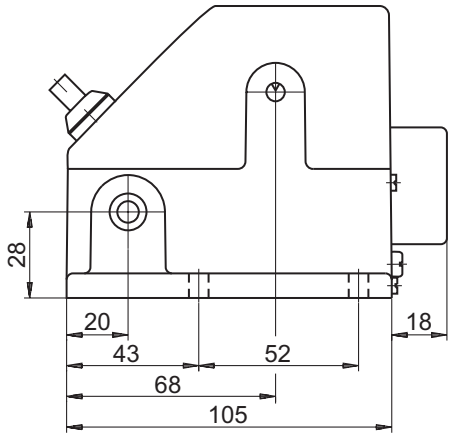
Towards user
Sense of rotation II

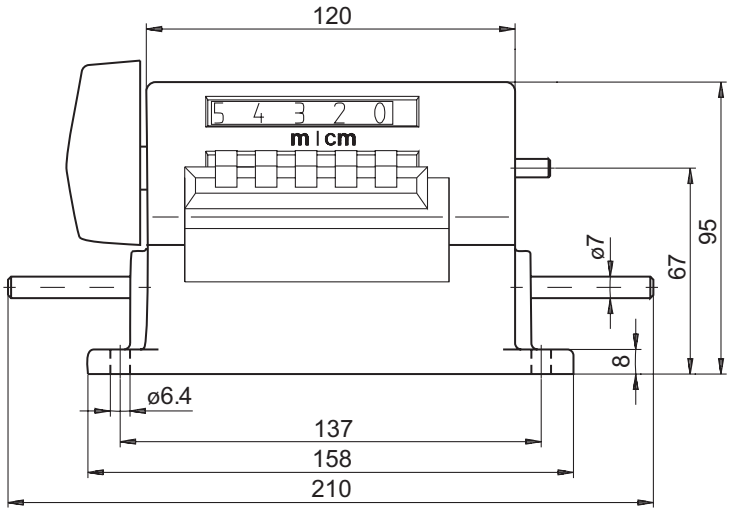
Accessories

Measuring wheels (page %S)

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





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