

Preset counters mechanic

Meter counters PTB approved, adding
Display 5 digits, manual reset by lever

ME282 PTB



ME282 - PTB Meter counter

Features

- PTB Preset counter with one or two presets
- Meter counter
- Adding
- Display 5-digits
- Reset by lever

Technical data - electrical ratings

Preset	2 presets
Preset setting	Press reset button and hold. Enter desired value in any order. Release reset button.
Limit switch	Trigger at preset 1 (adding)
Precontact	Trigger at preset 2
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 digit with scale
Number of digits	5-digits
Digit height	7 mm
PTB approval	1.3 / 91.08
Count mode	Adding in a rotational direction to be indicated, subtracting in reverse direction. 2 revs. = 10 counts
Drive shaft	Both sides, $\varnothing 7$ mm
Reset	By reset lever to preset value. Do not let snap lever or make jerky movements.
Measuring speed	2 revs. = 10 di. = <250.0 m/min
Measuring accuracy	1 dm
Measuring range	9999.95 m
Ambient 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.	140 g
Material	Aluminium die cast alloy
Connection	Terminal block connector

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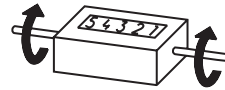
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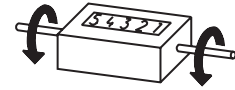
Part number

ME282.0	0	A	A
			Measuring range
			A 9999.95 m / decimal digit with scale
			Count mode /Direction of rotation
		01	2 revs. = 10 digits / I
		02	2 revs. = 10 digits / II
			Housing
		A	Surface mount housing, grey
			Preset / reset
1			1 preset / reset lever, permanent contact
3			2 presets / 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

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

