

14 Series

Mechanical Totalizer



The 14 Series is a compact, 5 figure, non-reset totalizer in a molded case with stainless steel shaft. Four types of drives are available and four case configurations. An ideal solution when application requirements call for a low cost and compact totalizer.

Key Features

- Four types of rotations
- Choice of four case configurations
- Built-in non-overthrow mechanism on stroke counters
- Built-in internal stops on stroke counters
- 5 Figure: white on black background

Options

- Mounting

Applications

Circuit breakers



Vending machines



Gaming machines



Business and office equipment



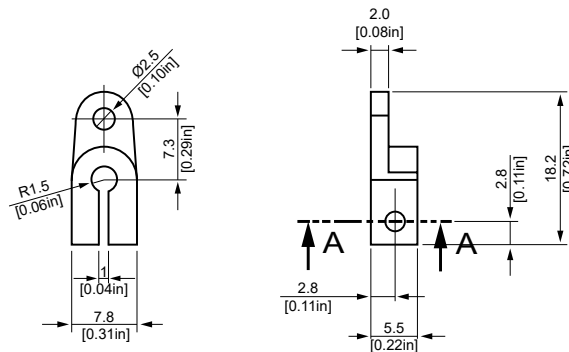
Square Case Base Mount



Optional Lever (AX7)

The technical drawing shows two views of a mechanical component:

- Front View (Left):** A tapered shaft-like part with a rounded top. The total height is 24.0 [0.95in]. The top diameter is Ø2.40 [0.09in]. There is a small circular feature near the top with a radius R3.15 [0.12in]. The bottom section has a central hole with a diameter of Ø2.80 [0.11in] and a depth of 5.5 [0.22in]. The outer diameter at the base is 8.0 [0.32in]. The bottom flange has a thickness of M2.5 [0.10in]. Radii R1.45 [0.06in] and R4.0 [0.16in] are indicated for the internal features.
- Side View (Right):** Shows the profile of the part. The total height is 34.0 [1.34in]. The top width is 1.75 [0.07in]. The bottom flange has a thickness of 2.70 [0.11in]. The central hole has a diameter of Ø2.80 [0.11in]. The distance from the bottom edge to the center of the hole is 5.5 [0.22in]. The distance from the right edge to the center of the hole is 2.75 [0.11in].



Specifications

Figures	5 figures, white on black, 0.16" [4mm] high	Case Types:	Square base mount Square - no flange Round base mount Round panel mount
Reset	Non-reset	Lever Types	AB17R lever (standard) AX7 (option)
Rotation	Top-coming or top-going	Drive Types	
Shaft Extension	Right-hand or left-hand	Stroke	typical count stroke 39° to 48° typical total stroke 50° to 52°
Shaft Diameter	0.125" [3.2mm]		
Speed	Stroke: 1,000 counts/minute		
Weight	0.5 oz. [14g]		
Temperature	-40°F to +160°F [-40°C to +71°C]		
Operating Torque at 75°F	Stroke: 0.8 to 2.0 in/oz		

Part Number Ordering Chart

Min Order Qty: 100 pieces

Example:

X	1	X	—	14	X	5	- AX7
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Case	_____
1	Square
2	Round
Color	_____
1	Black
Mounting	_____
B	Base mounting flange
P	Panel mounting flange (available only in round case)
N	No Flange
Type	_____
14	Stroke
Rotation	_____
1	Left Hand, Top Coming
2	Left Hand, Top Going
3	Right Hand, Top Coming
4	Right Hand, Top Going
Digits	_____
5	5 Digit
OPTIONS	
AX7	AX7 lever arm - replaces standard AB17R lever

