1667, 1669 Series Visicounter

For the most demanding applications, indoors or outside . . . withstands dust, moisture, oil, grease, shock, and vibration.

Combines excellent performance with practically indestructible construction. The counter of choice where only the most durable can survive. Commonly used on construction equipment, cement mixers, paving equipment, stokers, agricultural machinery, and other applications in extremely hostile environments. Available in both ratchet and geared drives, the 1667, 1669 Series features highly visible white-on-black figures, quick rotary-reset, rugged die cast case, and steel shaft.

- Unaffected by harsh application environments
- Die cast metal and steel external components
- 6 figures – large, easy-to-read numerals
- Oversized 0.3125 (7.9 mm) plated steel shaft
- Ratchet drive and geared drive models
- Geared drive available in 1:1 and 3:1 ratio
- Ratchet drive has positive stop and internal return spring
- Quick, rotary reset
- Long life – no lubrication required
- Shaft accepts standard measuring wheels
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### SPECIFICATIONS

| SPEED     | Ratchet: 500 cpm  
|           | Geared: 1500 rpm or 5000 cpm whichever is limiting  
| DRIVE     | Ratchet Drive (1667 Series) adds one count for each drive shaft actuation, arc of 26° to 45° for rotations 1 and 3, arc of 42° to 67° for rotations 2 and 4, maximum travel limited internal lever return spring;  
|           | Geared Drive (1669 Series) adds one count for specified number of drive shaft revolutions in specific rotation, will not subtract past zero on right hand wheel, standard gear ratio is 1:1 or 3:1  
| DRIVE TORQUE | Ratchet Drive (1667 Series): 4 lb-in. (45 N.cm)  
| NUMBER OF FIGURES | 6  
| SIZE OF FIGURES | 0.345" high x 0.250" wide (8.8mm x 6.4mm)  
| COLOR OF FIGURES | White on Black  
| MOUNTING | Base  
| CONSTRUCTION | Case: Zamak  
|           | Base: Steel  
|           | Wheels, Pinions: Acetal resin  
|           | Shaft: Plated steel  
| WEIGHT | 1 lb. 4 oz. (0.9 kg)  

### DIMENSIONS

![Rotation Diagram]

### ORDERING INFORMATION

**Standard Models**

- 166716-006 Ratchet Drive
- 166916-004 Geared Drive 1:1 Ratio
- 166916-006 Gear Drive, 3:1 Ratio
- 166726-006 Ratchet Drive
- 166736-006 Ratchet Drive
- 166936-005 Geared Drive, 1:1 Ratio
- 166746-006 Ratchet Drive
- 166946-005 Geared Drive, 1:1 Ratio

Special Variations Available. Please consult factory.