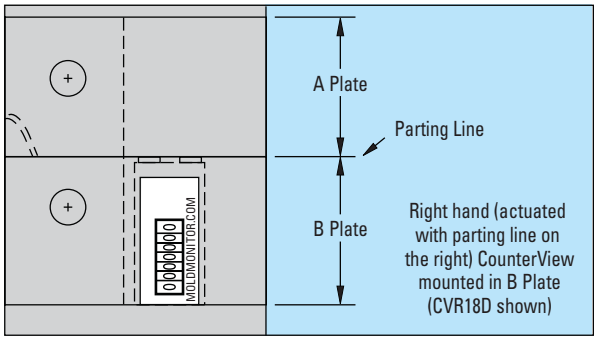
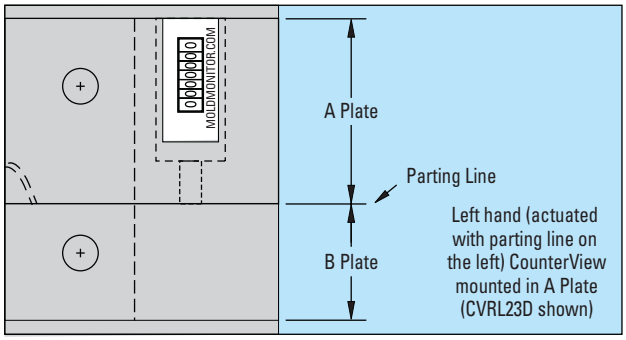
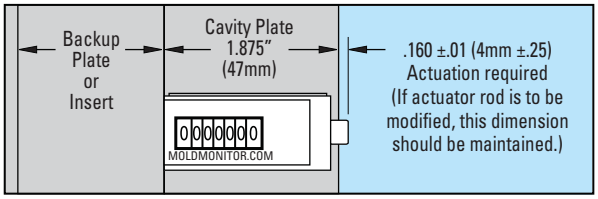
CounterView R-Series

General Description

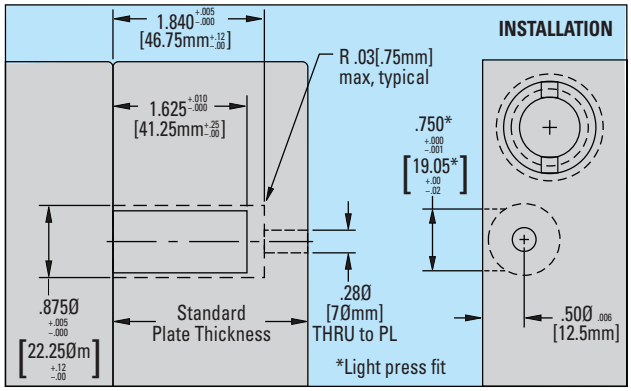
The CounterView R-Series accurately monitors mold operation, validates process monitoring data, and assists mold maintenance procedures. With a maximum operating temperature of 250°F (121°C), this precise unit has a non-resettable, mechanical, 7-digit counter and a glass-filled nylon housing for rugged durability.







The R-Series CounterView can be installed in the A or B plates with a minimum thickness of 1.875" (47mm). Larger plates utilize a threaded rod (included with each) that is pre-machined to the appropriate length for standard plate thicknesses to provide consistent actuation.



Parting Line at Left

Each R-Series CounterView includes the actuator. All except CVR18D and CVRL18D require attachment of the actuator rod to the threaded unit.

Parting Line at Right

INCH Standard

ITEM NUMBER	Nominal plate thickness
CVRL18D	1.875
CVRL23D	2.375
CVRL28D	2.875
CVRL33D	3.375
CVRL38D	3.875
CVRL43D	4.375
CVRL83D	8.375

METRIC Standard

ITEM NUMBER	Nominal plate thickness
CVRL56D	56
CVRL66D	66
CVRL76D	76
CVRL96D	96

INCH Standard

ITEM NUMBER	Nominal plate thickness
CVR18D	1.875
CVR23D	2.375
CVR28D	2.875
CVR33D	3.375
CVR38D	3.875
CVR43D	4.375
CVR83D	8.375

METRIC Standard

ITEM NUMBER	Nominal plate thickness
CVR56D	56
CVR66D	66
CVR76D	76
CVR96D	96

DME CounterView Replacement Actuator Rods

INCH Standard

ITEM NUMBER	Round CV Rod Length
RCV23	0.5"
RCV28	1.0"
RCV33	1.5"
RCV38	2.0"
RCV43	2.5"
RCV83	6.5"

METRIC Standard

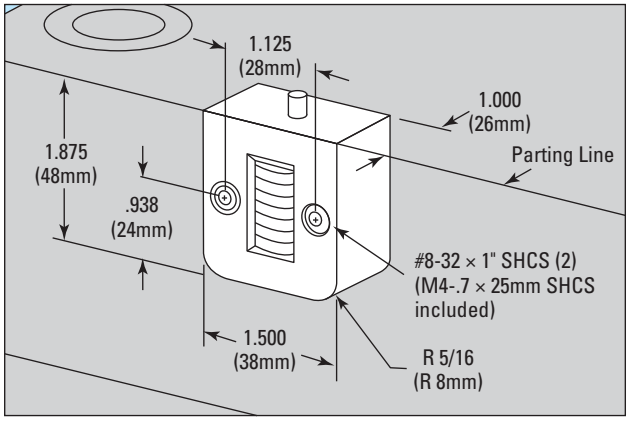
ITEM NUMBER	Round CV Rod Length
RCV56	8.38mm
RCV66	18.39mm
RCV76	28.37mm
RCV96	48.38mm

CounterView 100-200 Series

General Description

The DME CounterView Mold Counter accurately monitors mold operation, validates process monitoring data, and assists mold maintenance procedures. With a maximum operating temperature of 250°F (121°C), this precise device uses a non-resettable, mechanical, 7-digit counter to record the number of times a mold closes. Easily mountable to accommodate changeovers for different mold insert heights, the unit's counting mechanism relies on a sensor that detects when the mold has closed. Each mold cycle triggers the counting mechanism to increase the count on the display.

CounterView is a registered trademark of Progressive Components.
U.S.# 5,571,539
Others issued and pending



PARTING LINE MOUNT

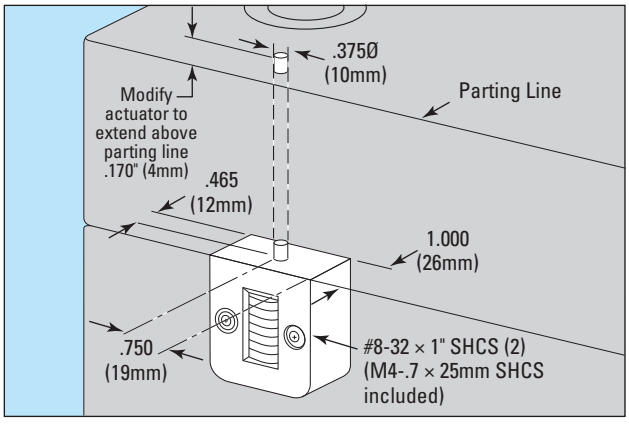
Parting line mount makes unit easily visible.

CVPL100D	INCH Standard
CVPL200D	METRIC Standard

Benefits

- Positively monitors mold activity
- Confirms process monitoring data
- Maximizes mold maintenance procedures
- Enables access to mold information online at http://moldmonitor.com
- Glass-filled nylon housing for rugged durability

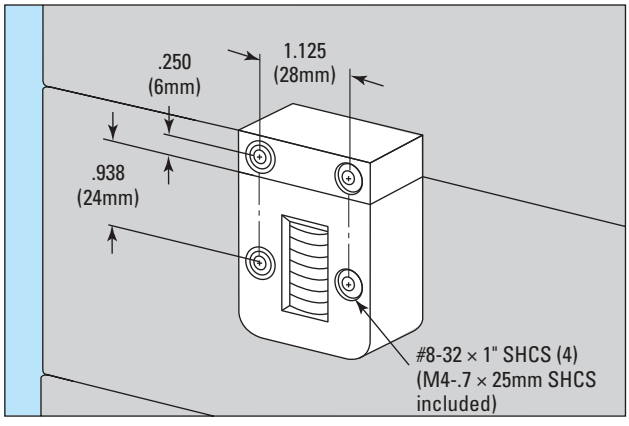
Each CounterView has a unique serial number that allows users to view mold information online at moldmonitor.com.



INTERNAL EXTENSION MOUNT

Machinable 8" (203mm) extension enables support plate or rail installation.

CVIN100D	INCH Standard
CVIN200D	METRIC Standard



EXTERNAL MOUNT

Pocket machining not necessary.
Designed specifically for retrofit applications.

CVEX100D	INCH Standard
CVEX200D	METRIC Standard

CVe Monitor

General Description

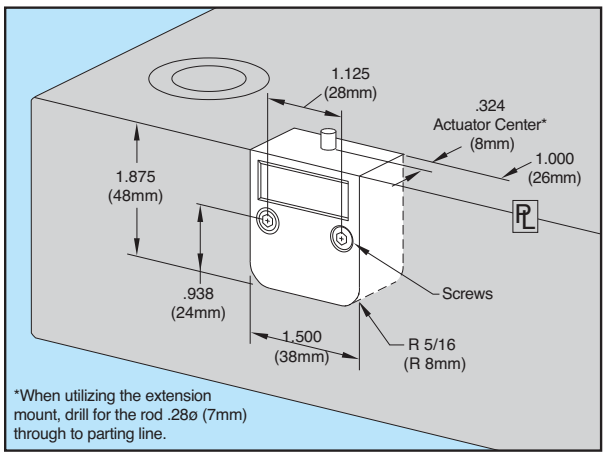
Expanding the line of CounterView® products, the new CVe Monitor tracks mold activity, allowing users to view the data on the display or from comprehensive reports.

Features

- 7-digit LCD display with a push button to move through the display modes.
- Mini USB connectivity for data retrieval.
- Flash drive included for storage of prints, BOM, setup instructions, etc.
- Instruction label on front.
- Battery lasts 5+ years.
- Same footprint as the mechanical cycle counter.

Technical Specifications

- Water resistant, rated NEMA enclosure 1 and IEC enclosure class IP10.
- Max temperature: 190° F (90°C). Can be installed in rails away from parting line with the extension mount version.
- Provided at -25 cycles to allow for set up.



ITEM NUMBER	MOUNTING STYLE	SCREWS (2)
CVEPLID	Parting Line	#8-32 x 1" SHCS
CVEPLMD	Parting Line	M4 x 25mm SHCS
CVENTID	Extension (Includes 6.5" rod)	#8-32 x 1" SHCS
CVENTMD	Extension (Includes 165mm rod)	M4 x 25mm SHCS

OEM-Specific CVe Monitors available with additional features and reporting capabilities. Contact DME for more information.

US Patent No. 5,571,539
Canadian Patent No. 2,166,237
European Patent No. EP726129
Others issued and pending.

Cycle Count – Total cycles for the life of the mold is presented on the main screen of the CVe Monitor.

Cycle Time – Beginning with the first production cycle, the cycle time is shown in seconds for the life of the mold.

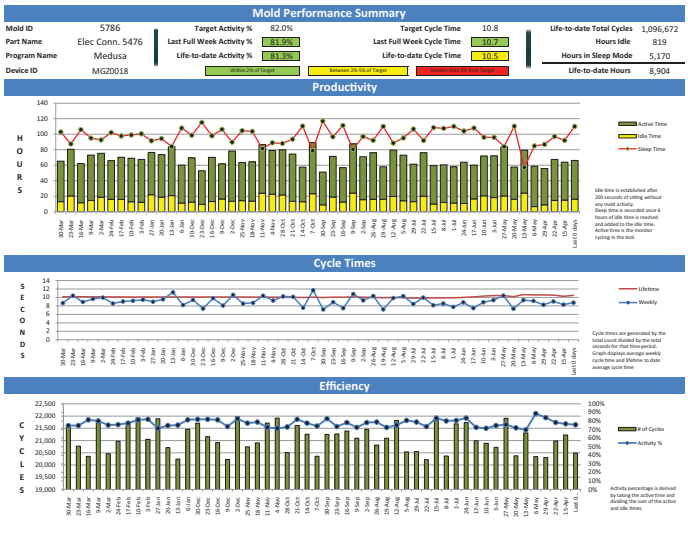
Cycle Time-Recent – Cycle time for the past 25,000 cycles.

Activity Percentage – The percentage of time that the mold has been active versus idle or in sleep mode.

Activity Percentage-Recent – The percentage of time the mold has been active in the past 25,000 cycles.

Cycle Count Reset – A separate counter that can be reset to 0 for interim monitoring of cycles.

Battery Life – Shows the percentage of battery life remaining. At 5%, the display will alert the molder to replace the unit.



Drive comprehensive reporting using data from the CVe Monitor.

CVe Monitor is a trademark of AST Technology GmbH