

Production Panel Meter Series



Part # PPM-0106-LED



Part # PPM-0216-VF



Part # PPM-0216-LCD

PRODUCT DESCRIPTION

The The Production Panel Meter series displays production information on the plant floor PLUS broadcasts this real time production data over ethernet to any computer on the plant network. With a built-in web server, the Production Panel Meter requires no software to install to program the functionality of the meter. Remote setup and monitoring of production data is as simple as opening a WEB browser and entering the IP address of the meter. The Production Panel Meter has four selectable digital inputs to provide the source for the 35+ production variables. You can select such variables as Counts, % Complete, Pace, Cycle Times, % of Target, Downtime, and OEE to display, monitor, and collect. These production variables are built into the product requiring no code to program or formulas to write. This real time production data can also be collected by 3rd party spreadsheets. Production goals reached, machine performance monitored, and plant floor production data collected are all benefits of the Production Panel Meter. Network your plant equipment and measure your **OEE (Overall Equipment Effectiveness)** today by installing the Production Panel Meter. No Software, No Programming, No Ethernet Cards

PRODUCT FEATURES

- **NO SOFTWARE TO INSTALL!** Web based setup
- Integrated production monitoring solution
- Selection of 35+ data source input variables
- Monitor production data through web browser
- Collect real time data over ethernet
- Store production data to 3rd party spreadsheets
- Built in Modbus TCP server
- Programmable break and downtime scheduler
- Machine state text and override messages

PRODUCT SPECIFICATIONS

- 1/8 DIN panel size, Nema 12
- 2 line x 16 character vacuum florescent display
- 2 line x 16 character liquid crystal display
- 1 line x 6 digit tri-color LED display
- 4 programmable PNP inputs
- 1 programmable SSR 1 amp output
- 10/100 ethernet communication port
- Operating temperature 0-55 C
- 24 VDC power requirement

OEE = Availability x Performance x Quality



SOFTWARE

Display, Monitor, and Collect Production Data without Installing any Software



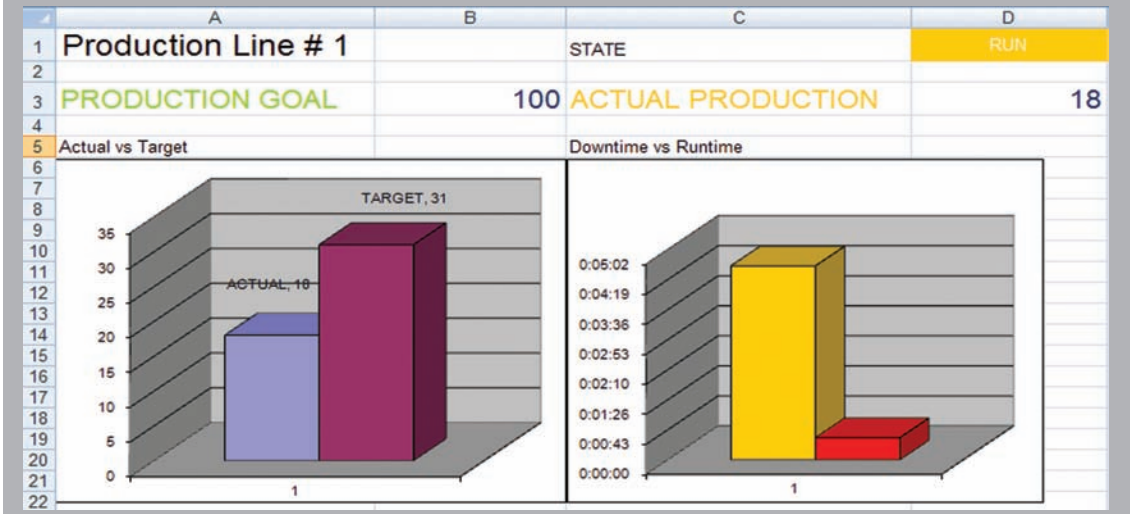
PRODUCTION LINE # 1

PRODUCTION TARGET	100
PRODUCTION COUNT	55
% COMPLETE	55%
HISTORICAL COUNT	28
PACE	61
% OF PACE	90%
DOWNTIME	00:00:51
RUNTIME	00:02:07
PRODUCTION RATE	0
OEE	17%

MARQUEE CONFIGURATION

- DATA SOURCE
- GOAL
 - TOTAL COUNT
 - BAD COUNT
 - GOAL
 - GOAL-COUNT
 - % BAD
 - %COMPLETE
 - TARGET COUNTER
 - % OF TARGET COUNTER
 - HISTORICAL COUNT
 - DOWNTIME
 - RUN TIME
 - SETUP TIME
 - USER MODE TIME
 - HISTORICAL DOWNTIME
 - CURRENT CYCLE TIME
 - LAST CYCLE TIME
 - SHORTEST CYCLE TIME
 - LONGEST CYCLE TIME
 - AVERAGE CYCLE TIME
 - RATE / PER SECOND
 - RATE / PER MINUTE
 - RATE / PER HOUR
 - Takt TIME ELAPSED
 - Takt TIME REMAINING
 - QUALITY
 - MACHINE AVAILABILITY
 - MACHINE PERFORMANCE
 - OEE
 - MACHINE STATE
 - MODBUS/TCP reg. 40131

	A	B	C	D	E	F	G	H	I	J	K	L
1	Production Line # 1											
2	TIME	DATE	GOAL	ACTUAL	TARGET	% OF TARGET	% COMPLETE	RUN TIME	DOWNTIME	CYCLE TIME	OEE	STATE
3	3:15:54 PM	05/30/08	100	18	15	120%	18%	0:01:54	0:00:32	11.09	78%	RUN
4	3:16:09 PM	05/30/08	100	18	16	112%	18%	0:02:08	0:00:32	26.02	80%	RUN
5	3:16:09 PM	05/30/08	100	18	16	112%	18%	0:02:09	0:00:32	26.66	80%	RUN
6	3:16:24 PM	05/30/08	100	18	18	100%	18%	0:02:24	0:00:32	41.14	81%	RUN
7	3:16:24 PM	05/30/08	100	18	18	100%	18%	0:02:24	0:00:32	41.14	81%	RUN
8	3:16:39 PM	05/30/08	100	18	19	94%	18%	0:02:38	0:00:32	55.71	78%	RUN
9	3:16:39 PM	05/30/08	100	18	19	94%	18%	0:02:39	0:00:32	56.34	78%	RUN
10	3:16:54 PM	05/30/08	100	18	21	85%	18%	0:02:53	0:00:32	70.82	71%	RUN
11	3:16:55 PM	05/30/08	100	18	21	85%	18%	0:02:54	0:00:32	71.99	71%	RUN
12	3:17:08 PM	05/30/08	100	18	22	81%	18%	0:03:07	0:00:32	85.24	68%	RUN
13	3:17:09 PM	05/30/08	100	18	22	81%	18%	0:03:08	0:00:32	86.4	68%	RUN
14	3:17:23 PM	05/30/08	100	18	24	75%	18%	0:03:22	0:00:32	100.37	64%	RUN
15												



Production Data Collected and Analyzed with 3rd Party Spreadsheet

Production Data Variables
 "No Code to Program"
 "No Formulas to Write"

PART NUMBER MODEL	DISPLAY TYPE	DIMENSIONS (W x H x D)
PPM-0106-LED (1 line, 6 digit)	Tri-Color LED	96mm x 48mm x 125mm
PPM-0216-LCD (2 line, 16 character)	Liquid Crystal	96mm x 48mm x 125mm
PPM-0216-VF (2 line, 16 character)	Vacuum Fluorescent	96mm x 48mm x 125mm