

Lascar Digital Panel Meters (formerly Martel)

900 Series

- Backlit LCD (except red LED on DPM959B)
- Large 0.75" Digit Height
- ±200mV A/D
- IP67/NEMA 4X Bezel Option



SPECIFICATIONS

Dimensions:	2.99" x 1.73" x 0.51" (76.0 x 44.0 x 15.0mm)
Panel Cut-out:	2.83" x 1.57" (72.0 x 40.0mm)
Operating Temp:	0°C to 50°C
LCD Backlight:	50mA@5V (except DPM942, DPM959B)

ORDERING INFORMATION

Model	Function	Accuracy ±1d	Supply VDC
DPM950	DCV**	±0.05%	7.5-14
DPM950S	DCV**	±0.05%	3.5-6.5
DPM959B	DCV**	±0.05%	4.5-5.5
DPM942	4-20mA	±0.05%	loop power
DPM970	ACV**	0.5%	7.5-14
DPM950S-EB-*	DCV**	±0.05%	4.75-7.5
DTM995	°C (Type KTC)	1%	7.5-24

*Specify backlight color: B (blue), G (green), Y (yellow), W (white), M (magenta), R (red), O (orange).

**Specify input range or internal shunt for current measurement.

35/65 Series

- Red LED, Green LED or LCD
- Voltage or Process Inputs
- Display Hold
- 5V power



SPECIFICATIONS

35x Dimensions:	2.57" x 1.10" x 0.77" (64.0 x 28.0 x 16.8mm)
35x Panel Cut-out:	2.05" x 0.81" (52.1 x 20.6mm)
35x Mounting:	Window or bezel
65x Dimensions:	2.3" x 1.1" x 0.71" (59 x 29 x 18.1mm)
65x Panel Cut-out:	2.22" x 1.04" (56.5 x 26.5mm)
65x Mounting:	Snap-in bezel
Digit Height:	0.56" LED, 0.39" LCD
Accuracy:	±0.05% ±1d typ.
Operating Temp:	0°C to 50°C
Power:	5VDC ±5%

ORDERING INFORMATION

DPM35R	Red LED DPM, differential input
DPM35G	Green LED DPM, differential input
DPM65	LCD DPM, differential input
DPM65S	LCD DPM, single-ended input

700 Series

- 1/2" Digit Height
- LED Backlight
- ±200mV A/D
- Function Annunciator
- IP67/NEMA 4X Bezel Option^



SPECIFICATIONS

-BL Dimensions:	2.57" x 1.39" x 1.36" (65.2 x 35.2 x 32.0mm)
-BL Panel Cut-out:	2.38" x 1.20" (60.5 x 30.5mm)
-EB Dimensions:	2.54" x 1.36" x 0.45" (64.5 x 34.5 x 11.5mm)
-EB Panel Cut-out:	2.44" x 1.26" (62.0 x 32.0mm)
Operating Temp:	0°C to 50°C
LCD Backlight:	40mA@5V

ORDERING INFORMATION

Model	Function	Accuracy ±1d	Supply VDC
DPM750S-BL	DCV**	±0.1%	3-15
DPM750S-EB-*	DCV**	±0.05%	4.75-7.5
DPM742-BL	4-20mA	±0.1%	loop power

*Specify backlight color: B (blue), G (green), Y (yellow), W (white), M (magenta), R (red), O (orange).

**Specify input range or internal shunt for current measurement.

^IP67 bezel is P/N BEZ 700-IP

EM32 Series

- 0.31" Digit Height
- Metal Bezel
- Mounts in 32.5mm (1.28") Cutout
- IP67/NEMA 4X Front



SPECIFICATIONS

Dimensions:	1.5" dia x 0.93" (38.0 x 23.5mm) excluding pins
Accuracy:	±0.1% ±1d typ.
Input:	±200mV DC*
Operating Temp:	0°C to 50°C
Power:	5VDC ±5% @500microA (50mA for LED)

ORDERING INFORMATION

EM32-1B	Circular LCD DPM
EM32-1B-LED	Circular LED DPM

*Specify other ranges or internal shunt for current measurement.