

# DIGITAL PANEL METERS TYPE DM35

**Models:** DM35-45r, DM35-48v, DM35-72v, DM35-72p, DM35-72q, DM35-96v, DM35-96p, DM35-96q, DM35-144p  
 For measuring DC or AC voltage, and DC or AC current.

## GENERAL DESCRIPTION

- Input impedance: ... >1MΩ in voltage, 0.2V dropout in current metering
- Display: ..... 3 ½ digits LED
- Display dimmer input (optional).
- Operating temperature range: ..... 0 ... +50°C
- Protection class: ..... IP 40
- Unit printed on front.

## User settings by potentiometers

- End deflection: ... -20%...+15% (in comparison with the nominal value)
- Zero point: ..... 0 ... -25% (in DC measuring)



Dimension	45r	48v	72v	72p	72q	96v	96p	96q	144p
Height of digits (mm)	9	9	13	14	14	13	14	14	38
Display dimmer input	nil	nil	optional	optional	nil	optional	optional	nil	nil
Cut-out dimension (mm)	EN50022	44 x 21.5	67 x 22.5	67 x 33.5	68 x 68	91.5 x 22.5	92 x 45	92 x 92	136 x 66

DM35 meters ordering code:

**DM35** - **XXx** - **XX** - **XX** - **X** - **Scale**

Dimension H x W x D	Input Range					Accuracy	Display		Power Supply Voltage / U probe
	-1	-2	-3	-4	-5		Color	Dimmer	
<b>45r</b> 85x45x59 mm	1- ±0.2V DC	±2V DC	±20V DC	±200V DC	±800V <sup>1</sup> DC	0.1% ±1D	<b>R</b> red	<b>0</b> nil	<b>1</b> 230V AC 1.5W / 5kV
<b>48v</b> 24x48x108 mm	2- - - -	2V AC	20V AC	200V AC	800V <sup>1</sup> AC	0.2% ±1D	<b>O</b> orange	<b>1</b> yes	<b>2</b> 24V DC 50mA / 1kV
<b>72v</b> 24x72x81 mm	3- ±2mA DC	±20mA DC	±0.2 A DC	±2A DC	±6A DC	0.1% ±1D	<b>Y</b> yellow		<b>3</b> 5-28V DC 70mA / Nil
<b>72p</b> 36x72x81 mm	4- 2mA AC	20mA AC	0.2 A AC	2A AC	6A AC	0.2% ±1D	<b>G</b> green		<b>4</b> 5V DC 0.2A / 1kV
<b>72q</b> 72x72x76.5 mm	5- - - -	4-20mA DC	- - - -	- - - -	- - - -	0.1% ±1D	<b>B</b> - - - -		
<b>96v</b> 24x96x81 mm									
<b>96p</b> 48x96x81 mm									
<b>96q</b> 96x96x65 mm									
<b>144p</b> 72x144x66 mm									

<sup>1</sup> Only with AC power supply. At 45r and 48v model: max 500V.

**Example:** Ordering code: **DM35-72p-52-R1-2-0...19.99 %**  
 Case: 36x72mm, Input: 4...20mA DC, Display: 0.00...19.99 red LED 14mm, Dimmer input is working,  
 Unit: %, Power Supply: 24V DC isolated.

**Note:** Different type is available upon request.

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