

# Model DP-5

LED digital display  
Input 4...20mA-2wire/Output 4...20mA+NPN

**Materontek**  
Sensing and Internet of Things

## Features

- ❑ 2-wire LED display
- ❑ No external power supply required
- ❑ Four-digit LED, display resolution 1/9999
- ❑ Display physical amount: pressure, temperature, flow etc.
- ❑ Relay or NPN output

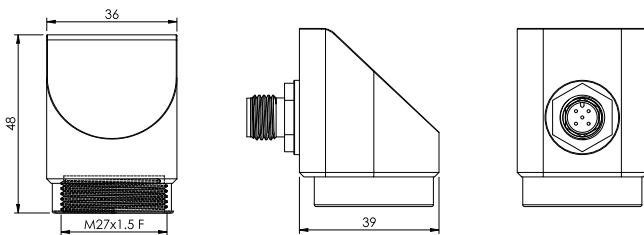


## Technical data

Performance	
Display range	-1999 to 9999
Display method	LED
Accuracy	±0.1%±2(typ.)
Power supply	Not required, 4 to 20mA loop powered
Acquisition resolution	16-bit binary code
Polarity protection	Internal reverse polarity protection
Voltage drop	<4.5VDC
Sampling rate	5time/s
Alarm method	Relay(≤1A) NPN(≤300mA)
Electrical connection	M12-5Pin
Operating temperature	-20 to 60 °C
Protection	IP65

The listed specifications and dimensions are subject to change without prior notice

## Dimensions (All dimensions in mm)



	1/ Power+(24VDC)/ Brown wire
	2/ A1 alarm/ White wire
	3/ Gnd/ Blue wire
	4/ A2 alarm/ Black wire
	5/ 4...20mA/ Gray wire



## Ordering code

Model	Input/output	Cables
<b>DP-5</b>	<b>N</b> 4~20mA/4~20mA(standard)	<b>0</b> without cable
	<b>R</b> 4~20mA/4~20mA+two way relay	<b>1</b> M12x1 Straight connectors with moulded cable, 5-pin, 2 m PVC cable
	<b>P</b> 4~20mA/4~20mA+two way NPN	<b>2</b> M12x1 Straight connectors with moulded cable, 5-pin, 5 m PVC cable
		<b>3</b> M12x1 Angled connectors with moulded cable, 5-pin, 2 m PVC cable
		<b>4</b> M12x1 Angled connectors with moulded cable, 5-pin, 5 m PVC cable
		<b>5</b> M12x1 Straight connectors for self-assembly, 5-pin
		<b>6</b> M12x1 Angled connectors for self-assembly, 5-pin