Pressure and level transmitters

Pressure and Temperature Transmitter, NTC, 0–150 PSI

Model CS-WPT1200

Integrated pressure and temperature transmitter, 0–150 PSI with 0.5–4.5V output and an NTC temperature output over -40°C~140°C, both at ±1.00%F.S accuracy.



Range	Accuracy
0–150 PSI	±1.00%F.S
Output	**Supply voltage**
0.5–4.5V	5VDC

Features

- NTC R(25°C)=10KΩ±1% temperature output
- Pressure output 0.5–4.5V
- 5VDC supply

Specifications

Performance specifications

Pressure range	0–150 PSI
Pressure accuracy	±1.00%F.S
Pressure output	0.5–4.5V
Temperature range	-40°C~140°C
Temperature output	NTC,R(25°C)=10KΩ±1%, B(25/85)=3435±1%
Supply voltage(u+)	5VDC
Output load resistance	≥10KΩ
Proof pressure	150%F.S
Burst pressure	200%F.S
Over-voltage	28VDC
Reverse voltage	-28VDC
Operating temperature	-20°C~85°C

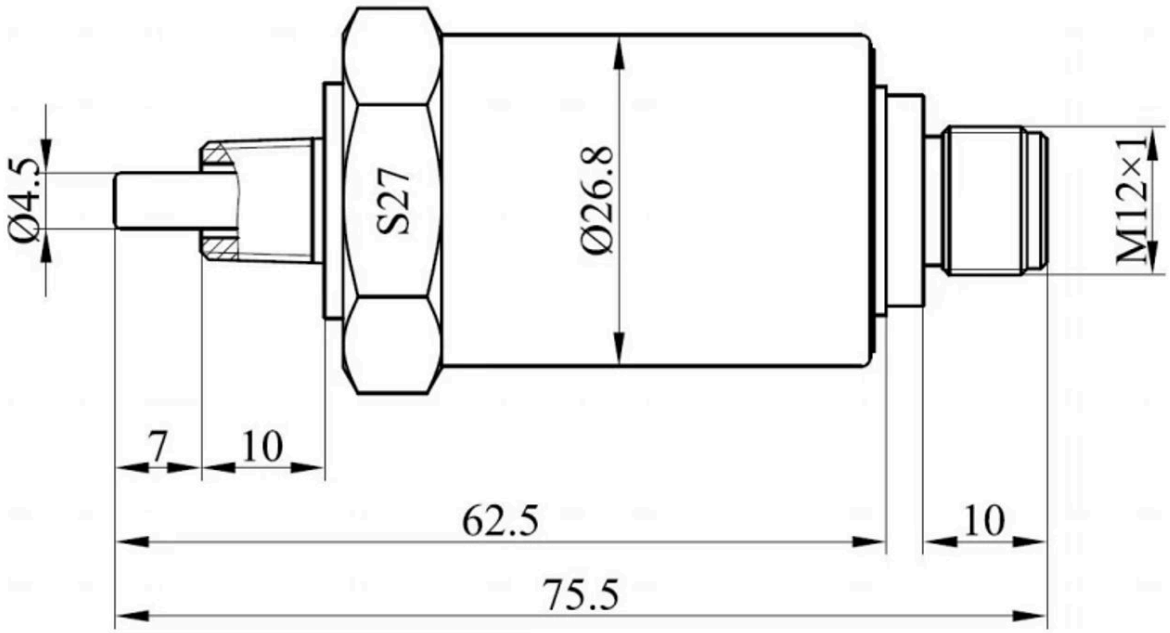
Medium temperature	-20°C~125°C
Response time	10ms
Vibration	10g, 5–2000HZ
Shock	X/Y/Z 20g sine11ms

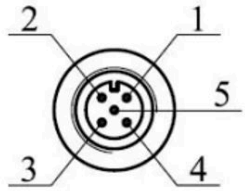
Ordering and support

Pricing, samples, lead time and custom versions: dwinsales@163.com, +86 181 0280 8901.

Guangzhou Dwin Technology Co., Ltd., 4th Floor, Building 2, No. 4 Xingye Road, Xiaowu Second Industrial Zone, Dongyong Town, Nansha District, Guangzhou, China. Specifications are typical values and may change without notice; confirm critical values with DWIN before design-in. Revision 2026-11.

Dimensions and wiring



M12×1 (5PIN)	Three line (0.5~4.5VDC)		
	PIN	Define	Color of wire
	1	Supply power (VCC)	Brown
	2	Voltage output (OUT)	White
	3	GND	Blue
	4	NTC1	Black
	5	NTC2	Grey

Drawings are for reference. Dimensions in millimetres unless stated.