

WRDZ SERIES

INTEGRATED TEMPERATURE TRANSMITTER

FEATURES

- ⊙ High strength, high pressure resistance
- ⊙ Integrated structure
- ⊙ Long-term stability
- ⊙ Fast response
- ⊙ Good reliability



INTRODUCTION

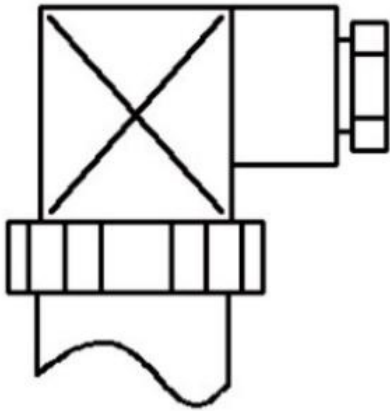
The WRDZ series integrated temperature transmitter uses the resistance of platinum resistance to change with temperature and shows a certain functional relationship to measure the temperature of the measured medium. The product consists of a temperature sensor and a conversion circuit. It has the advantages of stable performance, high sensitivity, and strong reliability.

The WRDZ series integrated temperature transmitter adopts a fully welded movable thread structure and is easy to install. It is widely used in automatic temperature measurement and control systems such as petroleum machinery, chemical machinery, pumps and compressors, electric power, boilers, and natural gas.

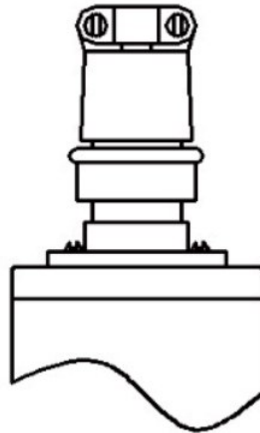
SPECIFICATIONS

Range	-50 ~ 400°C
Power supply	12VDC~30VDC(Standard 24VDC)
Sensor element	Pt100
Accuracy	0.1%FS, 0.25%FS, 0.5%FS
Output signal	4 ~ 20mA,0~10V,0~5V
Environment temperature	-40°C ~80°C
Insertion diameter	6mm, 8mm, others on request
Thread size	M20x1.5, M14x1.5,G1/2,others on request
Electrical connection	DIN43650, M12, water-proof connecting cable
shell material	304、316L
Measuring medium	Fluid compatible with 304, 316L
Protection	IP65

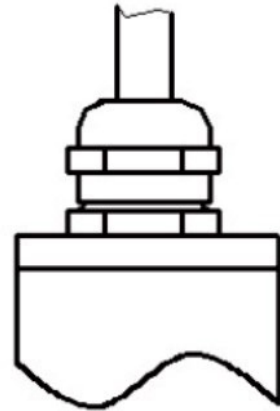
MECHANICAL CONNECTION



DIN43650 connector

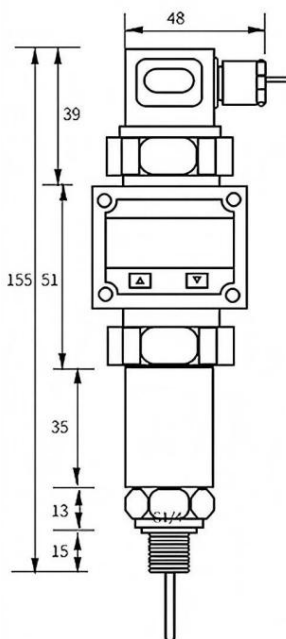


M12 connector

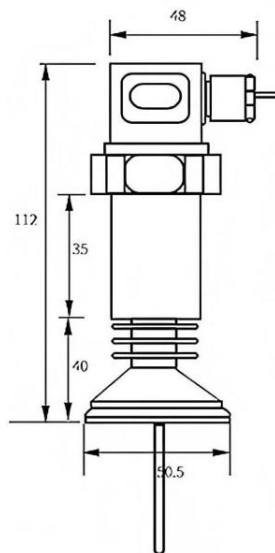


Waterproof joint cable leads

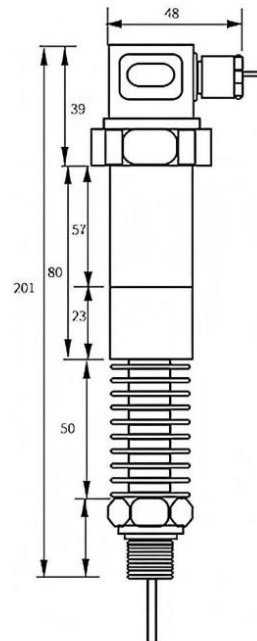
STRUCTURES



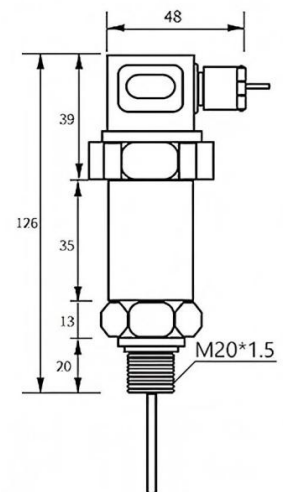
WRDZ100
Display type



WRDZ200
Sanitary type



WRDZ300 High
temperature type



WRDZ400
General type

ORDER FORMAT

WRDZ400 - 025 - M20 - 6/50 - MA - D - 1M

Model
WRDZ100
WRDZ200
WRDZ300
WRDZ400

Range	Code
0~100°C	010
0~250°C	025
-50~100°C	110
-50~250°C	125
Others on request	

Thread size	Code
G1/2	G1/2
M20X1.5	M20
M14X1.5	M14
Others on request	

Insertion diameter	Code
5mm	5
6mm	6
8mm	8
Others on request	

Code	Cable length
Null	No cable
1M	1 meter
2M	2 meters
Others on request	

Code	Electrical connection
D	DIN43650
C	G1/4
M	Cable lead

Code	Output signal
Null	PT100 3 wires
P4	PT100 4 wires
MA	4~20mA
10V	0~10V
5V	0~5V

Code	Insertion length
30	30mm
50	50mm
70	70mm
100	100mm
Others on request	