

Product Introduction:

ONEhalf20 IPT Series Pressure and Temperature Indicators offer a field selectable display and dual configurable alarms. The 1/4 DIN model also offers as a standard feature 4-20 mA process value retransmission. The IPT series pressure and temperature indicators feature dual display of PV and SV both temperature and pressure with convenient 4 button programming.

ONEhalf20 IPT Series Pressure and Temperature Indicators are available in either 1/4 or 1/8 DIN standard panel dimensions. These indicators match perfectly with the full line of **ONEhalf20** melt pressure/temperature transducers.

Features:

- dual digital display of pressure & temperature
- pushbutton programming with calibration
- easy to use
- 1/8 or 1/4 DIN size
- dual LED display - PV and SV
- scaleable units of measure, psi or bar, °F or °C
- low cost
- built-in transducer excitation voltage

General Specifications:**Electrical**

Input:	one 350 Ohm strain gauge bridge sensor and either a Type J or K thermocouple
Bridge Excitation:	9 Vdc
Sensitivity:	2-4 mv/Volt
Input Power:	100-240 Vac universal
Calibration:	with shunt resistor or applied pressure
Alarm Type:	High/Low setpoints, direct or reverse acting
Main Alarm Output:	1 SPDT, NO and NC
2nd Alarm Output:	1 SPST, NO or NC
Retransmission:	4-20 mA (max. 500 Ohm)

Other

Display:	dual 4 digit LED
Accuracy:	+/- 0.15% full scale
Operating Range:	32-125°F
Zero Balance:	+/- 25% of full range
Sampling Time:	100ms typical



Ordering Guide:**Model Number****Style**

IPT148

1/8 DIN panel mount (96 X 48mm)

IPT144

1/4 DIN panel mount (96 X 96mm)

Alarms

-1

1 alarm - standard on IPT148 with 4-20 mA retransmission

-2

2 alarms - standard on IPT148

-3

3 alarms - standard on IPT144

Retransmission

O

no retransmission - standard on IPT148 - with two alarms

R

4-20 mA - standard

V

0 - 10 Vdc

Options

-W

24 Vdc power supply

-A/B

MODBUS communications - 1/4 DIN size only

For configurations not listed please contact your local **ONEhalf20** distributor.

IPT148 with CT Style Melt Pressure/Temperature Transducer

Your single source for melt pressure transducers, melt pressure transmitters, melt pressure gauges, pressure instrumentation, and rupture disks!

www.onehalf20.com