

Product Introduction:

ONEhalf20 IT Series Industrial Pressure Transducers and Transmitters are designed for the tough environments of hydraulic applications with the possible presence of corrosive materials. All IT Series Industrial Pressure Transducers and Transmitters offer internal shunt calibration providing for ease of installation and system setup.

ONEhalf20 IT Series Industrial Pressure Transducers and Transmitters feature the reliable Bendix style 6 pin connector and offer either 3.0 mV/Volt or 4-20 mA, 0 - 10 Vdc outputs.

Features:

- low cost and long life
- all stainless steel sealed & welded construction
- internal shunt calibration
- excellent resistance to shock and vibration
- standard accuracy 0.5%
- spherical diaphragm design

General Specifications:

Electrical & Mechanical

Pressure Ranges:	0-5,00 psi or 0-10,000 psi
Mounting:	standard 1/8 X 27 NPT female process connection
Over Pressure:	2 X rated pressure
Wetted Material:	15-5 PH stainless steel
Zero Balance:	+/- 1% typical
Connector:	6 pin Bendix style bayonet
Operating Temp:	-20°F to +150°F -29°C to +85°C
Shunt Calibration:	internal 80%



IT with 3.0 mV/Volt output



IT with 4-20 mA or 0 - 10Vdc output
with standard zero and span adjustments



Ordering Guide:**Model Number**

IT

Type

industrial pressure transducer

Output

Q

2.0 mV/Volt

R

2.5 mV/Volt

S

3.0 mV/Volt - standard

MA

4-20 mA output

V

0 - 10 Vdc output

Standard Pressure Ranges

-5C

0 - 500 psi*

-35B

0 - 35 bar*

-1M

0 - 1,000 psi*

-7B

0 - 70 bar*

-2.5M

0 - 2,500 psi

-1.7CB

0 - 170 bar

-3M

0 - 3,000 psi

-2CB

0 - 200 bar

-5M

0 - 5,000 psi

-3.5CB

0 - 350 bar

-10M

0 - 10,000 psi

-7CB

0 - 700 bar

* only available with transmitter outputs

Common Options

-DLX

0.25% accuracy

-DIN

4 pole DIN connector

-8M

1/8 X 27 NPT male process connection

-4F

1/4 X 18 NPT female process connection

-4M

1/4 X 18 NPT male process connection

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

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

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