

The TI-200F-W Specifications & Description

Physical Characteristics

Pressure Range	0 to 200 psi (Gage)
Housing	Brass
Operating Temperature	-40°F to +248°F (-40°C to +120°C)
Proof Pressure	600 psi
Burst Pressure	1500 psi
Drop (any axis).....	1.5 m
Random Vibration (50-2000 Hz)...	11g
Input Voltage	5vdc
Output Voltage	0.5 to 4.5vdc
Connection.....	1/4" SAE female flare
Seal Material	Neoprene
Cable Connector	Packard
Length	20', 40' or 60'
Wire	Three-conductor 20 awg stranded
Shield	Foil shield with 25% overlap
Drain.....	Stranded tinned copper drain
Part number description when ordering (TI-200F-xx)	
xx.....	20', 40' or 60' wire length



Part # **TI-200F-W**

Product Description

The TI-200F-W pressure transducer is especially designed for measuring water pressure in applications like chiller water lines where long-term reliability is a requirement. Internal components are packaged in a brass housing with a 1/4" SAE female flare fitting.

The cable is available in either 20', 40' or 60' lengths with a removable Packard connector to provide easy serviceability. The wire is sealed and crimped to the Packard connector providing a liquid tight environment and strain relief. Media compatibility: Refrigerants (freons)

Product Specifications

PSI	S1 (vdc)	PSI	S1 (vdc)
0	0.50	100	2.50
10	0.70	110	2.70
20	0.90	120	2.90
30	1.10	130	3.10
40	1.30	140	3.30
50	1.50	150	3.50
60	1.70	160	3.70
70	1.90	170	3.90
80	2.10	180	4.10
90	2.30	190	4.30

The table below left provides a cross reference between psi and vdc at a sensor input pin (S1) of a MCS micro controller.

