

MHT SERIES TRANSMITTERS



MHT - Transmitter

FEATURES MHT

Standard 4-20mA
 Standard 1/4"-18 NPT Male
 6pin Bayonet Connector
 0.5% combined error
 80% Output Calibration
 250°F (120°C) Rating
 Ranges from
 0-15 to 0-30,000psi
WETTED PARTS
ALL STAINLESS STEEL

OPTIONS MHT

OUTPUT OPTIONS
 0-20mA 0-5VDC 0-10VDC
CONNECTOR OPTIONS
 4 Pole DIN
PRESSURE PORT
 1/8"-27 NPT Female
 1/8"-27 NPT Male

MHT - X

4 - 4-20mA
 5 - 0-5VDC
 6 - 1-6VDC(3WIRE)
 7 - 0-10VDC
 8 - 1-11VDC(3WIRE)

P XX X

1 M - Psi x1000
 1.5 C - Psi x100
 3 B - BAR x100
 5 P - Psi
 7.5
 10
 15 30
 20 50

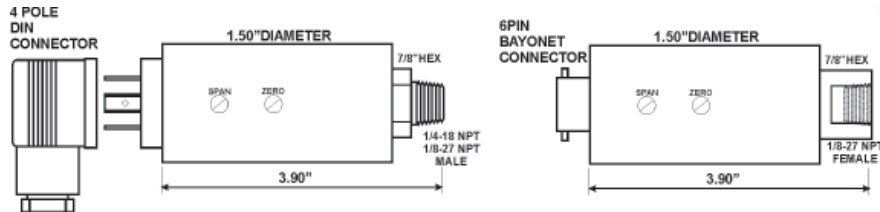
X

S - 6PIN BAYONET
 4 - 4POLE DIN

X

S - 1/4"-18 NPT MALE
 8M - 1/8"-27 NPT MALE
 8F - 1/8"-27 NPT FEMALE

STOCK LIST - MHT			
OUTPUT	PRESS (psi)	1/8-27 NPT (female)	1/4-18 NPT (male)
4-20mA	500	✓	✓
	1,000	✓	✓
and	2,500	✓	✓
	3,000	✓	✓
0-10VDC	5,000	✓	✓
	10,000	✓	✓



SPECIFICATIONS

MECHANICAL

Ranges: 0-15 to 0-20,000psi
Max Error: 0.5% of FS
Repeatability: +/-0.2%
Overload Capab: 2x FS
Enclosure Rating: IP65

TEMPERATURE

Max Diaph. Temp: 250°F(120°C)
Zero Shift of Diaph.: 0.15% of FS
Max Housing Temp: 250°F(120°C)

ELECTRICAL

Measuring Sensor: 350ohm Wheatstone Bridge
Internal Shunt Cal(MHP): 80% of FS
Zero & Span Adjust(MHT): +/-0.15% of FS
Response Time: 15mS
Excitation(MHP): 2.5 or 3mV/V (exc. 7-12V rec.10)
Excitation(MHT): 0-10V(14-36V) 0-5V(11-36V)
 4-20mA(14-36V)