10-2

Viatran CORPORATION FMI-F

Performance Certificate

DATE	12-05-1994
MODEL	374
SERIAL NO.	219929
REFERENCE	3745CK5AX990
INPUT	28 VDC
OUTPUT	4-20 mA
FSPR	0 TO 50 "WCD
FULL SCALE PRESSURE RANGE	

WIRING CONNECTIONS

	+ INPUT
	- INPUT
	+ OUTPUT
	- OUTPUT
PIN A	+PWR./SIG.
PIN B	-PWR./SIG.
PIN C	CALIBRATE
PIN D	CALIBRATE
PINS E+F	NO CONN.

	% FSPR	STANDARD CALIBRATION RUN 1	STANDARD CALIBRATION RUN 2	SPECIAL CALIBRATION	SPECIAL CALIBRATION RUN 1	SPECIAL CALIBRATION RUN 2
INCREASING	0	3.99				
	20					
	40					
	60					
	80					
	100	19.98				
DECREASING	80					
	60					
	40					
	20					
	0	3.99				

REMARKS:
FIELD CALIBRATION PRESSURE= 40.056 "WCD

CALIBRATION CIRCUIT
An advantage of Viatran strain gage pressure sensors is that the gain or span of the readout system can be set without applying a known pressure input. The system setup can be accomplished by using a calibrate circuit as explained below.

INTERNAL CIRCUIT
Most sensor models are supplied with an internal shunt calibrate circuit either as a standard or by special order. If this sensor has the circuit included, it will be noted below. Simply shorting the proper pins will produce the calibration output signal listed.

EXTERNAL CIRCUIT
If the sensor does not include the calibration circuit, the same type calibration can be accomplished by connecting a resistor of the value indicated across the proper pins. This technique is accurate for cable lengths of up to 200 ft.

X Transducer - Internal Calibration
Shorting pins C & D will produce a 16.80 mA calibration output signal.

___ Transducer - External Calibration
Connecting ohms across pins & will produce a calibration output signal.

___ Transmitter* - Internal Calibration Circuit and Switch
Cal 1 represents with a reading of
Cal 2 represents with a reading of

NOTE: All calibrations should be performed only after the transducer has been adjusted for zero at zero pressure.

* See detailed instructions shipped with each unit

WARRANTY

Viatran Corporation warrants that its products shall be free from defective par and workmanship for a period of twelve (12) months from date of original shipmen provided that Viatran's obligation hereunder shall be limited to correcting a defective workmanship and/or replacing any defective material F.O.B. destination.

A repair is warranted ninety (90) days from repair date under conditions of origin. warranty period unless superseded by original warranty period. If inspection by th Company of such product does not disclose any defect of workmanship or material, th Company's regular charges will apply. This warranty carries no liability, eith expressed or implied, beyond our obligation to replace the unit which carries th warranty. This warranty is in lieu of all other warranties of merchantability or fitnes No allowance will be made for any expense incurred for correcting any defect workmanship and/or material without written consent by Viatran. Unit must shipped to the Company, transportation prepaid, and return authorization numb must be referenced on the package to assure acceptance at our shipping dock. Pric specifications and decisions subject to change without notice.

The Company shall not be liable for and the Purchaser assumes and agrees to demnify and save harmless the Company in respect to any loss or damage that arise through the use by the Purchaser, or others, of any of the Company's produ

This warranty is void if the product is subjected to misuse, accident, neglec improper application, installation or operation. This warranty is void if prior defects materials or workmanship repairs are made by anyone except Viatran or its author service agency.

REPAIR

Most Viatran sensors have been designed to be easily repaired and recalibrated necessary. If a failure occurs, the sensor should be returned to the factory for inspecti and testing. If the sensor failure is covered by our one year warranty policy, the unit w be repaired as necessary and reshipped without delay. Sensors usually not covered warranty can be repaired within four to six weeks for approximately thirty to sixty cent of the purchase price. Simple repairs can often be made for minimum char Units should be returned to the attention of the Repair Department, after obtainin return authorization number from the customer service desk at (716) 773-1700.

QUALITY ASSURANCE

SCOTT BRINSER

Q.A.A. S.B 12/06/94

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