



Property of : P.O. :
Measurement Specialties Sales Order : JB31882

Model : MID RANGE COMPRESSION SENSOR S/N : Please see the SN on parts
P/N : FC2231-0000-0100-L ²Mode : Compression
²Range : 100L Overrange limit : 250L
Compensated temp : 0°C to 50°C Operating temp. : -40°C to +85°C

Note : DO NOT load with a ball type press or any device which makes a point or line contact.
DO NOT torque the body of a thread mounted load cell during mounting.
Force reaction surfaces must be uniformly supported over the entire dimension specified per published bulletin.

Specifications :

Other characteristics according to : FC2231-0000-0100-L Specification

CALIBRATION DATA

¹ linearity : < +/- 1%FSO	¹ Hysteresis : +/- 0.8%	¹ CNL&H :
¹ Th. Zero shift : ≤ 0.05%FSO/°C		³ Th. Sens. Shift : ≤ 0.05%FSO/°C
Zero (typ.): 500mV+/-50mV		
Ref. temp. : 22°C		³ Non repeatability :
Shunt cal. :	With :	Across :
Output « FSO » : 4000mV+/-200mV	With excitation : 5 V	Max. : 1.2X
Tested with :	S/N :	
Output « FSO »	With excitation :	Max. :
Input Ohms:		Output Ohms :
Cal. Equip. MT02		

Notes : ELECTROMAGNETIC COMPATIBILITY
RESIDENTIAL, COMMERCIAL AND LIGHT INDUSTRY
Category 9 equipment per EC Directive 2002/96/EC Annex 1A : RoHS Directive 2002/95/EC compliant per Article 2.

WIRING

Connector :	Transducer to comp. Module :	Total length : 609.6mm
+ In. Red	+Out. Yellow	Common mode : V output
- In. Black		referenced to – Input :

¹The calibrated values do not exceed the data sheet specifications, value shown is the data sheet value unless purchase order specifies otherwise.

²Loads must be applied parallel to the loading dimension and on center per published bulletin

³Value established by manufacturing design unless purchase order specifies otherwise.

The above instrument has been calibrated against a working standard which is directly traceable to a National Standard per International Standard Organisation recommendations and by International Agreement.

All data interpreted per Measurement Specialties Instruction Manual unless otherwise indicated.

FQA: JL3581

Date : 2011.1.17

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