

SCD 1165

Customer: N.Y.C. TRANSIT AUTHORITY

Transducer Type: SA Customer Spec: _____

Application: Door Air Interlock System

Description: SA100 with Deutsch Conn. on 11 inch cable and circuit modified to drive output to zero volts if ground connection is opened.

Specification for Model SA100 will apply except as follows:

1. Range 0-100 PSI PS Over Range 2X

2. Sensitivity 1 to 6 Vdc from 0 to 100 psi

3. Input Resistance _____ 4. Output Resistance _____

5. Excitation 9-24 Vdc 6. Input Current 3 mA to 11mA

7. Accuracy ± 1% FSBFSL (incl. linearity, hysteresis & repeatability)

8. Operating Temp. Range -67° to 221°F

9. Thermal Effect on Zero ± 1% Span - any 100 °F over item 11.

10. Thermal Effect on Span ± 1% - any 100 °F over item 11.

11. Compensated Temp. Range 30° to 185°F

12. Zero Balance 1.0 ± 0.15Vdc @ 77 °F 13. Outline Dwg.# 50001258

14. Other
Install auxiliary board before attaching end cap assembly

15. Special Instructions
Attach Deutsch connector DT04-3P-CE04 at end of 11 inch cable. (Use 0460-202-16141 terminals and W3P lock)

Final testing on each piece will include a test to confirm that the output goes to zero volts when ground connection is opened. Use test fixture 71358

16. Pressure Port 1/8 NPT 17. C of C Req'd (Y/N) _____

18. Miscellaneous

19. Items to be Shipped with Product: _____

Manufacture per BM# SQF70652 Dwg# 93064-96

Revisions			Drawn	<h1 align="center">Honeywell</h1> <p align="center">Sensing and Control Acton, MA USA Specification Control Drawing</p> <h2 align="center">SCD 1165</h2>
Rev	Description	Date	Check	
A	ECO-0002972	02/02/04	A.T. 02-02-04	
B	ECO-0022122	5/26/05	Des Eng	
			Mfg Eng	