



1 **EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 EC - Type Examination Certificate Number: **Baseefa08ATEX0347X**

4 Equipment or Protective System: **Model Type 675 Series Pressure Switch**

5 Manufacturer: **Custom Control Sensors Incorporated**

6 Address: **21111 Plummer Street, Chatsworth, California 91311, USA**

7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa, Notified Body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. 08(C)0590

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0: 2006 EN 60079-1: 2004 EN 61241-0: 2006 EN 61241-1: 2004

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

**⊕ II 2 GD Ex d IIC T85°C (T_{amb} -34°C to +71°C) or T100°C (T_{amb} -34°C to +86°C)
Ex tD A21 IP67**

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. 0253

Project File No. 08/0590

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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Baseefa is a trading name of Baseefa Ltd

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PP O BREARLEY

R S SINCLAIR

DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa08ATEX0347X

15 Description of Equipment or Protective System

A Model 675Y Series Pressure and Temperature Switch rated up to 15A at 125, 250 or 480 volts a.c. 50 or 60Hz, or up to 125 volts d.c., 1A, comprising an electrical assembly and a pressure actuator arrangement.

The electrical assembly comprises a sealed steel cylindrical enclosure housing a single pole double throw micro-switch which is operated by an actuator arm through a diaphragm (wobblefram) in the enclosure wall and with integral cabling potted into the cable entry provided with a male thread form. The enclosure body is reinforced with a stainless steel strap secured with a nut and bolt around its periphery.

The pressure actuator arrangement comprises an aluminium rectangular enclosure with inlet process ports to the lower section with maximum pressures of 15 lbf/in² and appropriate change in model reference as specified below.

D = Differential pressure switch

G = Gauge pressure switch

V = Vacuum pressure switch

The equipment provides ingress protection to IP66 and IP67 in accordance with EN 60529: 1991.

16 Report

Baseefa Certification Report 08(C)0590

17 Special Conditions for Safe Use

1. The integral cabling shall be suitably mechanically protected and terminated in a suitable junction or terminal facility

18 Essential Health and Safety Requirements

As follows, in addition those covered by the standards at item 9.

EUROPEAN COMMUNITY DIRECTIVE 94/9/EC		
ESSENTIAL HEALTH & SAFETY REQUIREMENTS (ANNEX II)		
Clause	Requirement	Conformity Demonstrated by:
1.2.1	Design and construction	Report 08(C)0590

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
675**Y	1 of 5	P1	11/08	Switch, Adjustable
675**Y	2 of 5	P1	11/08	Switch, Adjustable
675**Y	3 of 5	P1	11/08	Switch, Adjustable
675**Y	4 of 5	P1	11/08	Switch, Adjustable
675**Y	5 of 5	P1	11/08	Switch, Adjustable
38-11	-	D	6/95	Strap