



Member of the FM Global Group

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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

### **IS-L101L Beacon**

IS / I / 1 / ABCD / T4 Ta = 60°C - Entity - D4627; IP66  
I / 0 / AEx ia / IIC / T4 Ta = 60°C - Entity - D4627; IP66

Entity parameters:

Terminals "+" and "-"

$U_i = 28 \text{ V}$ ,  $I_i = 660 \text{ mA}$ ,  $P_i = 1.2 \text{ W}$ ,  $C_i = 0$ ,  $L_i = 0$

Terminals "S+" and "S-"

$U_i = 16.8 \text{ V}$ ,  $I_i = 660 \text{ mA}$ ,  $P_i = 1.2 \text{ W}$

Terminals Ac.Sw

$U_o = 16.8 \text{ V}$ ,  $I_o = 3.81 \text{ mA}$ ,  $P_o = 15.2 \text{ mW}$

### Special Conditions of Use

1. To avoid a possible electrostatic charge only clean with a damp cloth

### Equipment Ratings:

Intrinsically safe, with entity parameters, for use in Class I, Division 1, Groups A, B, C, D and Class I, Zone 0, Group IIC, in accordance with Control Drawing No. D4627, Hazardous (Classified) Locations indoor/outdoor (IP66).

### FM Approved for:

European Safety Systems Limited  
Acton, London United Kingdom



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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3610	2010
Class 3810	2005
IEC 60529	1989

Original Project ID: 3023739

Approval Granted: March 28, 2006

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3054106	November 24, 2014		

FM Approvals LLC

J.E. Marquedant  
Manager of Electrical Systems

24 November 2014

Date