IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx UL 11.0013U	issue No.:0	Certificate history:
Status:	**Current**		
Date of Issue:	**2011-04-26**	Page 1 of 4	

Applicant: **Adalet/Scott Fetzer Co.**
4801 W. 150th Street
Cleveland, OH 48135
United States of America

Electrical Apparatus: **Push-To-Test Pilot Lights ELP-Series**
Optional accessory:

Type of Protection: **Flameproof "d", Increased Safety "e", Encapsulation "mb" and Protection by Enclosure "tD"**

Marking: **Ex d e mb, Ex tD A21 IP66**

Approved for issue on behalf of the IECEx Certification Body: Paul T. Kelly

Position: Principal Engineer, Global Hazardous Locations

Signature:
(for printed version)

Date: 2011-04-26

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

Underwriters Laboratories Inc (UL)
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America

Working for a safer world

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Manufacturer: **Adalet/Scott Fetzer Co.**
4801 W. 150th Street
Cleveland, OH 48135
United States of America

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:
The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2001 Edition: 4	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'
IEC 60079-18 : 2004 Edition: 2.0	Electrical apparatus for explosive gas atmospheres - Part 18: Construction, test and marking of type of protection encapsulation 'm' electrical apparatus
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

US/UL/ExTR11.0018/00

Quality Assessment Report:

US/UL/QAR08.0003/03

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Schedule

EQUIPMENT:
Equipment and systems covered by this certificate are as follows:

The ELP-Series push-to-test pilot lights are intendec for connection to the Cat. No. EBT contact block via a mounting bracket, both manufactured by Adalet, and intended to be mounted in an increased safety enclosure. The pilot light comes in 120 V, 12 V, or 24 V AC/DC versions, with a single LED and an amber, green, red or white cap. The LED is encapsulated through the base of the pilot light. The pilot light has an AL 6061 T6 metallic body and a Lexan 103 or 143 plastic cap.

Nomenclature for ELP-Series Pilot Lights:

ELP	A	120
I	II	III

I - Push-To-Test Pilot Lights
ELP - Series Designation
II - Pilot Light Cap Color
A - Amber
G - Green
R - Red
W - White
III - Voltage Option
120 - 120 V AC/DC
12 - 12 V AC/DC
24 - 24 V AC/DC

CONDITIONS OF CERTIFICATION: NO

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EQUIPMENT(continued):

Conditions of Use for Ex Equipment or Schedule of Limitations for Ex Components, if any:

- Device must be mounted on a flat surface in a suitable 'Ex e' increased safety enclosure and installed in accordance with installation instructions DS848.
- To maintain IP66 rating and/or Dust protection "tD," a minimum of three gaskets must be installed in accordance with applicable installation instructions DS848.
- All power is to be shut off before connecting/disconnecting the conductors from the terminals.
- For ambient temperatures below -10°C, use filed wiring suitable for the minimum ambient temperature.
- The water absorption test per Clause 8.1 of EN 60079-18 has not been performed on this device due to the encapsulant being housed entirely within the pilot light cap and body.
- For use with teh Cat. No. EBT contact block.
- The Cat. No. EBT contact block will accommodate wire sizes from 22 AWG (0.5mm^2)to 12 AWG (4 mm^2), with a maximum of two wires per terminal. Strip wire insulation 10-12 mm. Tighten terminal screws 7 to 10 in-lbs.
- The Cat. No. EBT contact block must be mounted to provide a minimum of 10 mm clearance to any conductive surfaces.
- When used with the Cat. No. EBT contact block, the device reaches a maximum temperature of 73°C corresponding to a temperature code of T6.