

के० ख० एवं ई० अ० सं० परीक्षण प्रकोष्ठ - CIMFR TESTING CELL  
सीएसआईआर - केन्द्रीय खनन एवं ईंधन अनुसंधान संस्थान

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)

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**CSIR-CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH**

ISO 9001 REGISTERED

FORMERLY : CENTRAL MINING RESEARCH INSTITUTE  
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)

बरवा रोड, धनबाद - 826015 (भारत) - BARWA ROAD, DHANBAD - 826015 (INDIA)

परीक्षण प्रमाण पत्र - **TEST CERTIFICATE**

[FORM NO.: CIMFR: DQM:FLP02:F-02]

(Flame & Explosion Lab.)

ID NO. 307A/13

Code No. FLP/133(B)/13-14

**SCHEDULE**

[For association with the report of test sent (under cover of this office Letter No CIMFR/ TC/P/4388 Dated 6<sup>th</sup> September, 2013) to M/s. PNEUCON Automation Pvt. Ltd., Plot No. 1/235B, Off. Blossom High School, Kolshet Balkum Road, Thane - 400 607 in respect of testing as regards intrinsic safety of the equipment mentioned below submitted by them.]

**NAME & DESCRIPTION OF THE APPARATUS: PRU-5 Unit.**

The Intrinsically safe Limit Switch Assembly consists of limit switch S1 and s2 and terminal blocks. All these components are assembled on the PCB and PCB housed inside a metallic weatherproof housing. The input intrinsically safe power supply 8VDC/20mA and 24VDC/10mA (max.) which will be routed through external certified and approved IS power supply/zener barrier. The limit switches are operated by a shaft which rotates by external means. The NO & NC of limit switches may be used with potential free contact of certified intrinsically safe equipment.

**APPLICANT:**

M/s. PNEUCON Automation Pvt. Ltd.,  
Plot No. 1/235B, Off. Blossom High School,  
Kolshet Balkum Road,  
**Thane - 400 607**

**MANUFACTURER:**

M/s. PNEUCON Automation Pvt. Ltd.,  
Plot No. 1/235B, Off. Blossom High School,  
Kolshet Balkum Road,  
**Thane - 400 607**