

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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परीक्षण प्रमाण पत्र - **TEST CERTIFICATE**

FORMAT NO.: (CIMFR: DQM: FLP02: F-01: REV-01)  
(Flame & Explosion Laboratory)

Prototype Report No.:	CIMFR/TC/P/1491	Dated:	13 <sup>th</sup> March, 2014
Equipment. ID NO. :	49/14	Code No.:	FLP/264/13-14
Application Ref. No.:	PAPL/FLP/004/13-14	Dated:	23/12/2013

1. Applicant : M/S. PNEUCON AUTOMATION PRIVATE LIMITED  
PLOT NO. 1/235B, OFF. BLOSSOM HIGH SCHOOL,  
KOLSHET BALKUM ROAD,  
**THANE - 400 607**
2. Manufacturer : Same as above
3. Apparatus : FLP-WP (IP-67) ENCLOSURE FOR LIMIT SWITCH ASSEMBLY.
4. Designated by : Model No.: LSFP
5. Gas Group, Zone : Gas Group: IIC and Zone 1 & 2 atmosphere only.
6. Electrical ratings: rated at 15Amp., 250V AC/ 220V DC (max.).
7. Temperature Class: (See Result#A2)
8. Degree of Ingress Protection: IP-67 (See Result#A3)
9. Material of Construction: Cast Aluminium Alloy LM-6 construction. Refer drawing for material thickness at different locations of the enclosure.
10. Description of the apparatus: FLP-WP (IP-67) ENCLOSURE FOR LIMIT SWITCH ASSEMBLY.

A.

Description	Volume (in cc)		Min. Wall Thickness (mm)	Nos. & Size of Bolts/Fasteners
	Gross	Net		
Single Enclosure	450 cc	350 cc	12mm	8 nos. M6X20mm long Allen Bolts screws.

B.

Glass details	Max no. of aperture on cover	Max. No. & size of cable entries
Nil	One no. shaft	2 nos. cable entries of size M20x1.5pitch is provided on the enclosure body maintaining threaded length 16mm, for attachment of certified & approved FLP/WP double compression type cable gland.

Note: For further details refer drawings.