

के० ख० एवं ई० सं० परीक्षण प्रकोष्ठ-CIMFR TESTING CELL  
सीएसआईआर-केन्द्रीय खन एवं ईंधन अनुसंधान संस्थान  
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)



मूल प्रति  
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**परीक्षण प्रमाण पत्र - TEST CERTIFICATE**

FORMAT NO.: (CIMFR: DQM: FLP02: F-01:REV-01)  
(Flameproof & Equipment Safety)

Prototype Report No.:	CIMFR/TC/P/ 121	Dated:	11 April, 2017
Equipment. ID NO.	40/17	Code No.	FLP/178/16-17
Application Ref. No.:	NIL	Dated:	09/02/2017

- 1. Applicant :** M/S. UFLOW AUTOMATION  
ANKUR INDUSTRIAL COMPLE,  
SURVEY NO. 275/276, PLOT NO. 31,  
NR. INTOL CAST PVT. LTD.,  
SHAPAR (VERAVAL) - 360 024,  
**DIST - RAJKOT GUJARAT (INDIA)**
- 2. Manufacturer :** Same as above
- 3. Apparatus :** Flameproof/Weatherproof Enclosure for Solenoid Junction Box.
- 4. Designated by :** Type No.: 37
- 5. Gas Group, Zone :** Zone 1 & 2 for Gas Group: IIC atmosphere.
- 6. Electrical ratings:** Rated <20W, 230V AC or 110V DC
- 7. Temperature Class:** T6, at 40°C (See Test Result#A2)
- 8. Degree of Ingress Protection:** IP-67 (See Test Result#A3)
- 9. Material of Construction:** Die cast Light Metal Aluminium Alloy (Mg. <7.5%) construction.  
Refer drawing for material thickness at different locations of the enclosure.

**10. Description of the apparatus:** Flameproof/Weatherproof Enclosure for Solenoid Junction Box  
A.

Description	Volume in cc		Min. Wall Thickness	Nos. & Size of Bolts/Fasteners
	Gross	Net		
Single Enclosure	47	42	2.5mm	4 nos. M6x12mm long Allen bolts.

Glass details	Max no. of aperture on cover
Nil	Nil

**Note: For further details refer drawings.**

*3.4.17*