

IP65 TEST REPORT

PD SWITCH



परीक्षण रिपोर्ट TEST REPORT



भारत सरकार

इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय
मानकीकरण परीक्षण और गुणवत्ता प्रमाणन (एस.टी.क्यू.सी.) निदेशालय

इलेक्ट्रॉनिकी परीक्षण तथा विकास केंद्र

कृषि महाविद्यालय परिसर, शिवाजीनगर, पुणे - ४११ ००५
फोन : 020-2553 7306/146, ग्राहकसेवा (सीधा): 020-2552 0378
फैक्स: 020-2553 9369; ईमेल : etdcpu@stqc.gov.in

Government of India

Ministry of Electronics & Information Technology,
Standardization Testing & Quality Certification (STQC) Directorate

Electronics Test and Development Centre [ETDC]

Agriculture College Campus, Shivajinagar, Pune 411 005.
Phone : 020-25537306/146, Customer Service (Direct) : 020-25520378,
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ELECTRONICS TEST & DEVELOPMENT CENTRE - PUNE Standardisation Testing & Quality Certification Directorate Department of Information Technology Ministry of Communication & Information Technology Government of India Agriculture College Campus, Shivajinagar PUNE - 411 005				TEST REPORT Pressure Switch	
Report No.	TG-88(2019-20)	Date	03/12/19	Page	1 OF 4

- 1 Service Request No. _____ TG-88(19-20) Date _____ 29/11/19
- 2 Service requested by _____ Kaustubha Udyog, Sr. No. 36/1/1, Near Lokmat press, Sinhagad road, Wadgaon khurd, Pune 411 041
3. Report Issued to _____ Kaustubha Udyog, Sr. No. 36/1/1, Near Lokmat press, Sinhagad road, Wadgaon khurd, Pune 411 041



Issued by Head [CSC]
रविंद्र प्र. देशपांडे / R. P. DESHPANDE वैज्ञानिक 'सी' / SCIENTIST "C" ई.टी.डी.सी.पुणे/ETDC, PUNE. सूचना प्रौद्योगिकी विभाग/DEPT OF I.T. भारत सरकार/GOVT., OF INDIA शिवाजीनगर, पुणे/Shivaji Nagar, Pune.



ELECTRONICS TEST & DEVELOPMENT CENTRE - PUNE Standardisation Testing & Quality Certification Directorate Department of Information Technology Ministry of Communication & Information Technology Government of India Agriculture College Campus, Shivajinagar PUNE – 411 005				TEST REPORT Pressure Switch			
Report No.	TG-88(2019-20)	Date	03/12/19	Page	2	of	4

1 Service Request No. TG-88(2019-20) Date 29/11/19

2 Tested at ETDC, Pune

3 Item submitted on 29/11/19 4 Job completed on 03/12/19

5 Description & Identification of item

Nomenclature	Sr. No.	Type / Model	Make	Qty
Pressure switch	A19113706	PD/L03 CM01	Orion Instruments	01

6 Condition of item when received Satisfactory.

7 Test Method used OPT-14

8 Test specification As per the specifications given in the column "TEST", "CONDITION", "REQUIREMENT" on page no. 3 of this report.

9 Major equipments used in the test

Sr.	Name of the Equipment	Calibration Validity (dd-mm-yy)
1	Dust chamber (Kasco)	15/02/20
2	Test nozzle 6.3 mm as per IEC 60529	---

Tested by	Approved by Head [Testing]	Issued by Head [CSC]
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ETDC, PUNE

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Report No. TG-88(2019-20)

Discipline : Environment

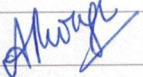
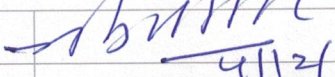
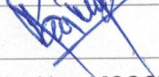
Group: Electronics

TEST SPECIFICATIONS / RESULTS

10.0 : TEST SPECIFICATIONS / TEST RESULTS

Sr. No.	Test	Condition	Requirement	Observations
10.1	IP6X (Dust tightness test).	Ref: IEC 60529, Category-2 Clause 13.4, 13.6.2 Type of dust: Talcum powder. (Item not connected to vacuum pump). Duration: 8 hours. Condition of item: Normal mounting.	To be conditioned	Conditioned
10.2	Visual check	After the test	No deposit of dust is observable inside the enclosure.	Complied
10.2	IP X5 (Protection against water jets)	Ref: IEC 60529, Clause 14.2.5, 14.3 Test nozzle : 6.3 mm Delivery rate : 12.5 litre/minute \pm 5 %. Test duration: minimum three Minutes. Direction of spray: All practicable directions. Distance from nozzle to enclosure surface: 3 meters.	To be conditioned	Conditioned
10.2.1	Visual check	After the test	The enclosure shall be inspected for ingress of water.	No ingress of water.

Remarks : As desired by the indenter, the sample has been tested for limited parameters only as reflected in the test-report. Hence the report must not be used for any publicity purpose regarding overall quality of the product.

		
Tested by	Approved by Head [Testing]	Issued by Head [CSC]



ETDC, PUNE

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Report No.

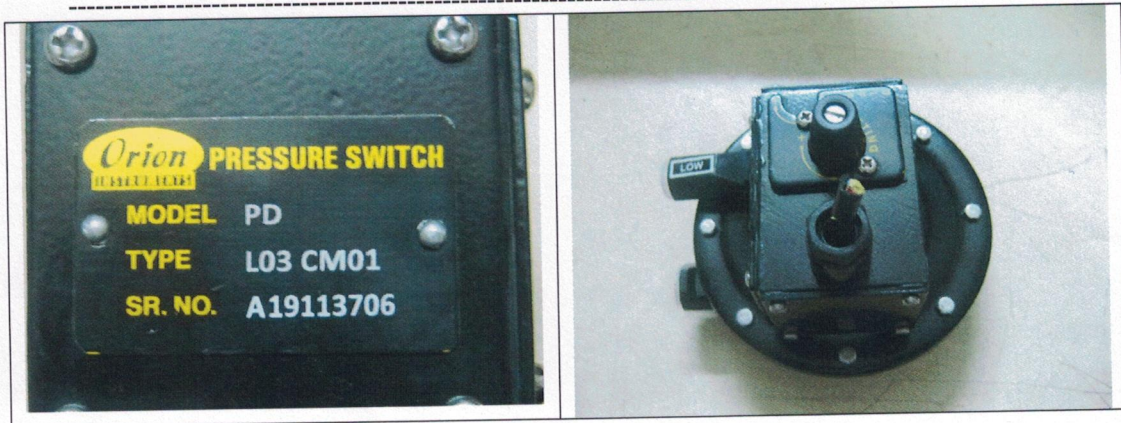
TG-88(2019-20)


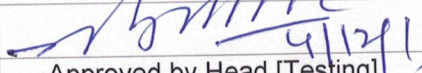

Discipline : Environment

Group: Electronics

11.0 : Photo of UUT:

Photo of Pressure switch
(Refer Page-2 for Description and Identification of item)



 Tested by	 Approved by Head [Testing] (Narendra Kumar) Scientist E"	 Issued by Head [CSC]
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