

IP65 TEST REPORT

SE SERIES SWITCH

रिपोर्ट संख्या. TG-90 (19-20)
Report No.



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.
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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-90(2019-20)	Date	03/12/19	Page	1 OF 4

1	Service Request No. -----	TG-90(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			
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1 Service Request No. _____ TG-90(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	A19100175	SE series	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-90(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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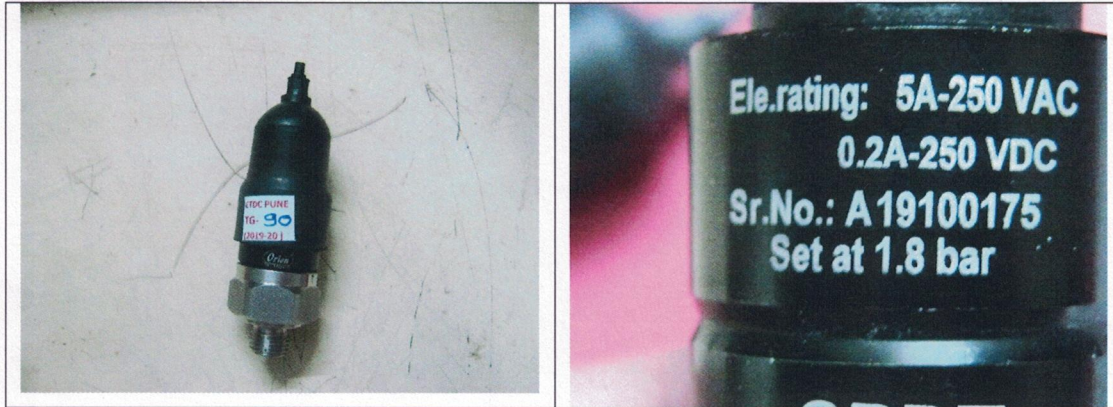
Report No. TG-90(2019-20)

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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