

Report No....TG-08 (17-18)....



सत्यमेव जयते

# TEST REPORT



GOVERNMENT OF INDIA  
MINISTRY OF COMMUNICATIONS & INFORMATION TECHNOLOGY  
DEPARTMENT OF ELECTRONICS AND INFORMATION TECHNOLOGY  
STQC DIRECTORATE

**ELECTRONICS TEST & DEVELOPMENT CENTRE [ETDC]  
AGRICULTURE COLLEGE CAMPUS  
SHIVAJI NAGAR, PUNE - 411005.**

Ph.: CSC (Direct) 020-25520378  
020-25537306 / 25537146, CSC Extn. 101 / 102  
Fax : 020 - 25539369  
E-mail : etdcpu@stqc.gov.in





**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-008(2017-18) Date 04/05/2017 Page 1 Of 4

Service Request No. TG-008 Date 02/05/2017

Service requested by Kaustubha Udyog, (Br. Name Orion Instruments)  
S.No. 36/1/1, Vadgaon khurd, Sinhgad road, Pune 411 041

Report Issued to Kaustubha Udyog, (Br. Name Orion Instruments)  
S.No. 36/1/1, Vadgaon khurd, Sinhgad road, 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.



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**PUNE - 411 005**

**TEST REPORT**

MT Series  
Pressure Switch

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Service Request No. TG-008 Date 02/05/2017

Tested at ETDC, Pune

Item submitted on 02/05/2017 4 Job completed on 04/05/2017

Description & Identification of item

Nomenclature	Sr. No.	Type / Model	Make	Qty
MT Series Pressure switch	A16091907	MT Series Pressure switch	Kaustubha Udyog	01

Condition of item when received Satisfactory.

Test Method used OPT-014

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

Major equipments used in the test

Sr.	Name of the Equipment	Calibration Validity (dd-mm-yy)
01	Dust chamber (Kasco)	17/02/18
02	Protection against water (IPX6) nozzle	As per IEC 60529:2001-02 Clause 14.2.6

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







ETDC, PUNE

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## TEST SPECIFICATIONS / RESULTS

### 2.2 : TEST SPECIFICATIONS / TEST RESULTS

Sr. No.	Test	Condition	Requirement	Observations
	IP6X (Dust tightness test), Category 2	Ref: IEC 60529, Category-2 Clause 13.4, 13.6.2 Type of dust: Talcum powder. (Circulating dust and item not connected to vacuum pump). Duration: 8 hours. Condition of item: Normal mounting.	To be conditioned	Conditioned
1	Visual check	After the Dust test	No deposit of dust is observable inside the enclosure.	Complied
	IPX6 (Water spray test)	Ref: IEC 60529, Clause 14.2.6 With the 12.5 mm nozzle. Test Duration:- 3 minutes Distance from nozzle to enclosure surface : Between 2.5 m & 3 m	To be conditioned	Conditioned
1	Visual check	After the Water spray test	Visual check for ingress of water.	No water ingress observed inside the pressure switch.

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







ETDC, PUNE

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Photo of UUT:

Photo of MT Series Pressure Switch  
 (Refer Page-2 for Description and Identification of item)



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

