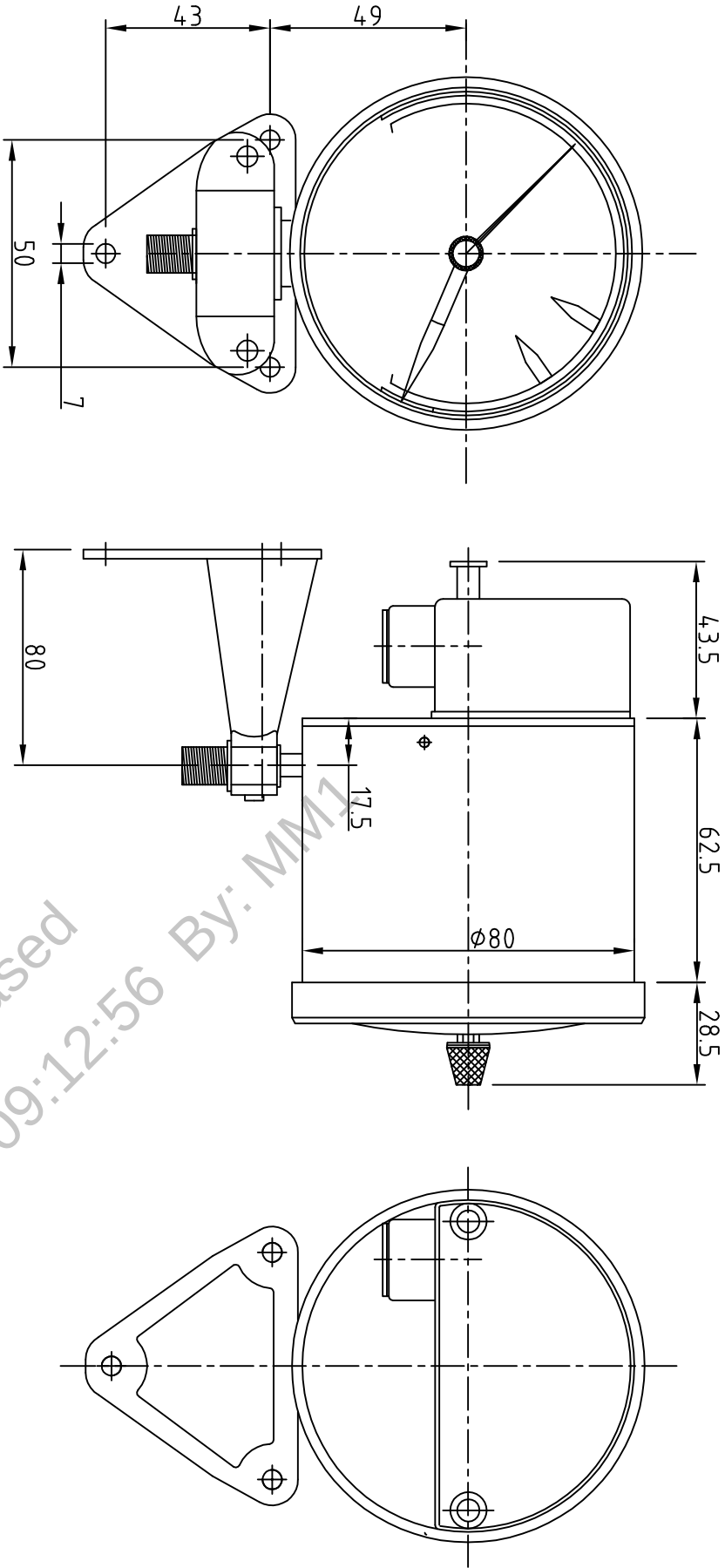


CL00561997C .on.DRGD

TECHNICAL SPECIFICATION OF DIAL THERMOMETER

Sr. No.	Sensor Specification	
1	TYPE	CONTACT DIAL THERMOMETER
2	DIAL SIZE INDICATION RANGE	80 mm 0-120 CENTIGRADE
3	INDICATION UNIT	DEGREE CENTIGRADE
4	CAPILLARY LENGTH	5000mm
5	CAPILLARY TYPE	COPPER CAPILLARY WITH COPPER / SS BRADING DIAMETER 2.5 mm (UP TO 300 CENTIGRADE)
6	PROCESS CONNECTION	G1 THREAD
7	PROCESS CONNECTION MATERIAL	CUZn (BRASS)
8	SENSOR LENGTH	80 mm
9	SENSOR DIAMETER	6 mm
10	SWITCHING OUTPUT	TWO MICROSWITCH (WITH DRAG INDICATOR)
11	PROTECTION	IP - 54
12	CASE AND FRONT PANEL	STAINLESS STEEL
13	SCALE	WHITE WITH BLACK LETTERING
14	SET POINT VALUE ADJUSTMENT	BY SET POINT ADJUSTER IN THE FRONT PANEL
15	STRAIN RELIEF SPRING	YES
16	DISPLAY CORRECTION	ON THE REAR
17	STORAGE TEMPERATURE	-30 TO 70 DEGREE CENTIGRADE
18	MEASURING SYSTEM	LIQUID FILLED / GAS FILLED
19	CONTACT TYPE	2 SEPARATELY ADJUSTABLE CHANGEOVER CONTACT
20	CONTACT RATING	5 (1.5) A, AC 230 V, 10/-15%, 48 – 63 Hz
21	SWITCHING ACCURACY	0.5%
22	ELECTRICAL CONNECTION	SCREW TERMINAL
23	ACCURACY CLASS	CLASS 1.5 TO DIN EN 13190



NOTE :-
THIS CONTACT DIAL THERMOMETER SHALL BE USED ON UNDER-SLUNG EMU TRANSFORMER AND SHALL BE
SUITABLE FOR VIBRATIONS OF THE ORDER OF 5g IN LONGITUDINAL AND 3g IN VERTICAL & LATERAL DIRECTIONS
EXPERIENCED BY THE ROLLING STOCK.

REF. DRG. NO.	SIGN AND DATE	INVENTORY NO.
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REV	DATE	ALTERED	CHECKED	APPROVED
ZONE				

REV	DATE	ALTERED	CHECKED	APPROVED
ZONE				

ADDITIONAL INFORMATION								
72067T18400								
STATUS OF DRAWING								
DISTRIBUTION OF PRINTS								
TRE	PC	BAY 1&2	BAY 3,4&5	BAY 6&7	BAY 8	BAY 9	LHM	Others
								0
REV	DATE	ALTERED	CHECKED	APPROVED				
00	24/09/2019	AKS4	AS2	NAVY1				
ZONE								

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		BHARAT HEAVY ELECTRICALS LTD. JHANSI				
DEPT-TRE	UN. TOL. DIM. C/M/F	SCALE	WEIGHT [KG]	REF. TO ASSY. NO.	ITEM NO	NO. OF ITEM
CODE-406						
TITLE CONTACT DIAL THERMOMETER				DRAWING NO. 34661950073		REV. 00
SHT NO 1		NO OF SHT 1				