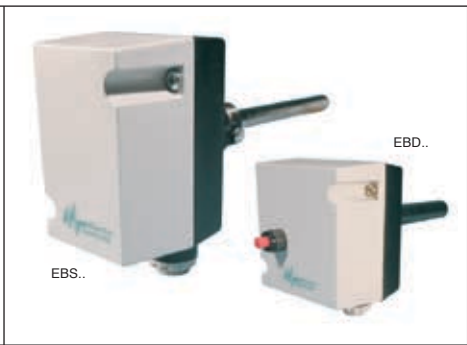


**IMMERSION THERMOSTATS
SINGLE/DUAL FUNCTION**

EBS.. EBD..

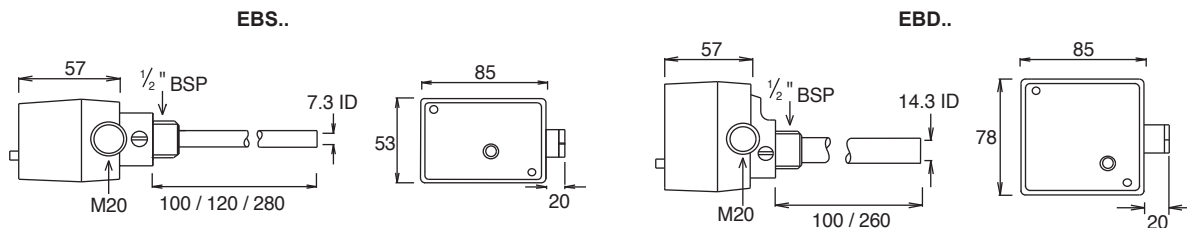
These products are used to monitor liquid temperatures in pipes, boilers, tanks etc. The liquid filled sensing enables a rapid response to temperature changes. The EBS is a single function thermostat and the EBD dual function has two separate thermostats inside the enclosure.



Hand reset models have a push button on the front cover.
 Volt free contacts
 Max. ambient 80°C (EBS-1 55°C)
 All supplied complete with removable brass pocket 1/2" BSP.
 Concealed adjustment
 Enclosure Flammability = UL94-V0

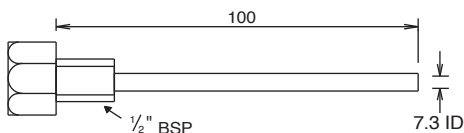
Type	Range °C		Control	Diff. °C	Limit	230VAC SPDT		Bulbwell Length	Max. Bulb Temp. °C	Enclosure
	Control	Limit				Control	Limit			
EBS-1	0/35	-	0.5	-	-	10(3)A	-	120	55	IP43
EBS-2	0/80	-	2	-	-	10(3)A	-	100	100	IP43
EBS-3	35/95	-	4	-	-	15(5)A	-	100	115	IP43
EBS-4	50/130	-	6	-	-	15(5)A	-	100	150	IP43
EBS-7	-	30/65	Hand reset open high	-	-	15(5)A	-	100	90	IP43
EBS-8	-	60/95	Hand reset open high	-	-	15(5)A	-	100	115	IP43
EBS-9	-	95/130	Hand reset open high	-	-	15(5)A	-	100	150	IP43
EBS-20/L280	0/70	-	2	-	-	10(3)A	-	280	90	IP43
EBS-30/L280	35/95	-	4	-	-	15(5)A	-	280	115	IP43
EBS-70/L280	-	30/65	Hand reset open high	-	-	15(5)A	-	280	90	IP43
EBS-80/L280	-	60/95	Hand reset open high	-	-	15(5)A	-	280	115	IP43
EBD-1	0/80	0/80	2	2	2	10(3)A	10(3)A	100	100	IP43
EBD-2	35/95	35/95	4	4	4	15(5)A	15(5)A	100	115	IP43
EBD-8	35/95	60/95	4	Hand reset open high	-	15(5)A	15(5)A	100	115	IP43
EBD-9	50/130	95/130	4	Hand reset	-	15(5)A	15(5)A	100	115	IP43
EBD-32/L260	35/95	35/95	4	4	4	15(5)A	15(5)A	260	115	IP43
EBD-38/L260	35/95	60/95	4	Hand reset open high	-	15(5)A	15(5)A	260	115	IP43

DIMENSIONS:

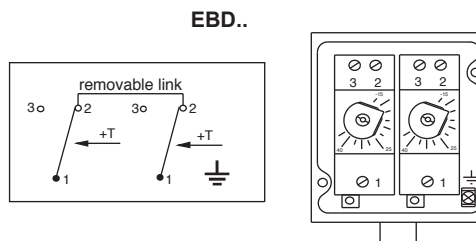
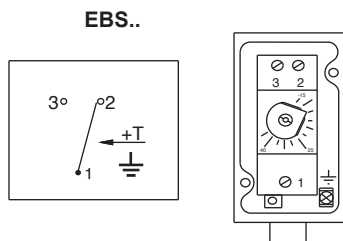


ACCESSORIES:

- EE-9B** Spare brass pocket 100mm for EBS-2..9 (NOT for EBS-1)
- EE-ST9** Stainless steel pocket 100mm for EBS-2..9 (NOT for EBS-1)



WIRING:



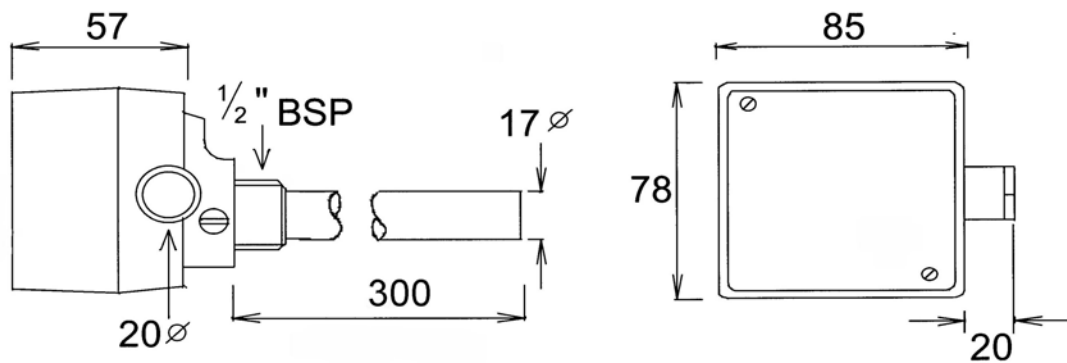
1-2 close on temp fall. 1-3 close on temp rise. OPEN HIGH Contact 1-2 opens on temp rise. Temp must fall to allow resetting

DUAL MECHANICAL THERMOSTAT

The Dual Mechanical thermostat contains two automatic resetting mechanical thermostats each with a range of 35 –95 °C with a fixed differential of 4°C, suitable for carrying an electrical current of 5 Amps. The plastic cover has to be removed to set the thermostats by a dial against an index mark. The plastic box is rated at IP54 and must be protected from accidental ingress of moisture.

All electrical connections are made through a 20mm gland and an earth connection is required. If a link is fitted it must be removed.

The thermostat is supplied complete with a brass thermostat pocket (suitable for clean water only – no corrosive chemicals) which will normally be discarded and replaced with a stainless steel one supplied by Lanemark to order. The pocket should be fitted into a ½” BSP boss on the outside of the tank or vessel with a suitable jointing compound. The pocket should be positioned so that work passing through the tank or vessel cannot accidentally hit or rest on it.



ELECTRICAL CONNECTIONS

