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GENT
by Honeywell

Technical Bulletin	TB 10176

To: Gent by Honeywell, System Integrators	Date: 13/9/11
	Status: Active
	Type: SI

Product – Part affected:
Conventional sounder – making a tone sweep sound

Details:
We have had a report from one site of an issue with devices going into test mode.

Test mode sounds like a tone sweep going up, then down, followed by several beeps.
Test mode should only occur on the sounders first power up, normally during manufacturing, for it to obtain the optimum frequency for that particular sounder. This is then saved into E2.

On this particular site we are seeing device going back into this test mode.

We have carried out accelerated lifecycle testing to the equivalent of 10 years of weekly and annual maintenance tests. On our current production from this we have a failure rate of 0.01%
It was noticed however that devices that had failed did appear to be more likely to fail again.

The following products may be effected:

C3IP-SN-R	IP65 Electronic Sounder Red (100 dBA)
C3IP-SN-W	IP65 Electronic Sounder White (100 dBA)
C3-SN-R	Electronic Sounder Red (100 dBA, IP31)
C3-SN-W	Electronic Sounder White (100 dBA, IP31)
C3IP-SN-ST-RR	IP65 Electronic Sounder/Strobe Red 100 dBA
C3IP-SN-ST-WR	IP65 Electronic Sounder/Strobe White 100 dBA
C3-SN-ST-RR	Electronic Sounder/Strobe Red 100 dBA (IP31)
C3-SN-ST-WR	Electronic Sounder/Strobe White 100 dBA (IP31)
C3-VP-ST-RR	Voice sounder/Strobe Red 100 dBA (IP31)
C3-VP-ST-WR	Voice sounder/Strobe White 100 dBA (IP31)
C2IP-ST-RR	IP65 Ultra Low current Strobe (5mA) Red body/Red lens

Action:
A device in test mode needs to be left sounding for over 30 seconds to allow it to finish the test and save its value to E2. If this is not done then test mode will occur every time the sounder is set off until it is allowed to complete.
If this occurs at initial commissioning then leave the sounders running to complete the test mode.
If this occurs on subsequent tests then replace that sounder and return using the normal returns process.

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