



5550 Vibration Switch: IIC vs IIIC (Dust Group) Marking Typo

Dear Sir/Madame,

We would like to inform you that there is a typo on the 5550-4XX-XXX and 5550-9XX-XXX (ATEX & IECEx Hazardous option) product label with respect to the dust groups as shown below:



Ex d IIB + H₂ T6 Gb
Ex tb **IIC** T85°C Db
IECEx BAS10.0020
Baseefa 10ATEX0098



Ex d IIB + H₂ T6 Gb
Ex tb **IIIC** T85°C Db
IECEx BAS10.0020
Baseefa 10ATEX0098

This is a typo because there is no IIC dust group in IECEx/ATEX nomenclature:

- The gas groups is IIB + H₂ as shown above. IECEx/ATEX format is Ex d (gas groups – I, IIA, IIB, or IIC) (temp class- T1-T6) (equipment protection level – Ga, Gb, or Gc)
- The dust groups is IIIC (typo as IIC) as shown above. IECEx/ATEX format is Ex tb (dust groups – IIIA, IIIB, or IIIC) (max external surface temperature) (equipment protection level – Da, Db, or Dc)

For your reference, the 5550 Vibration Switch IECEx/ATEX Ex d certifications are located on our website as follows:

ATEX: <http://www.metrixvibration.com/tenants/metrix/documents/1187250.pdf>

IECEx: <http://www.metrixvibration.com/tenants/metrix/documents/1187253.pdf>

We apologize for any inconvenience this may have incurred.

Jeffrey Alexander
Quality Manager, Metrix Instrument Co.
Houston, TX
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