HAZARDOUS LOCATION
CLASS 1, GROUPS A, B, C & D

SAFE AREA

SINGLE ENDED INPUT VIBRATION MONITOR (NOTE 2)

NOTES:
1. WARNING - THE VIBRATION MONITOR MUST PROVIDE
A NON-INCENDIVE FIELD CIRCUIT TO TRANSODER
SO THAT IF THE WIRING BETWEEN THE TRANSODER
AND MONITOR IS OPENED, SHORTED OR GROUNDED,
THE CIRCUIT WILL REMAIN NON-INCENDIVE.
MUST BE WIRED IN ACCORDANCE WITH THE NEC.

2. THE VIBRATION MONITOR SHALL PROVIDE A
CIRCUIT HAVING MAXIMUM VOLTAGE AND MINIMUM
RESISTANCE VALUES SHOWN IN THE SCHEMATIC
DIAGRAMS.

3. TRANSODER CIRCUIT PARAMETERS:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>V_{max}</td>
<td>15 Vdc</td>
</tr>
<tr>
<td>I_{max}</td>
<td>3 mA</td>
</tr>
<tr>
<td>C</td>
<td>0 μF</td>
</tr>
</tbody>
</table>

4. CABLE LENGTH SHALL NOT EXCEED 1000' (300m).

5. ALTERNATELY, IN LIEU OF THE ACTUAL CIRCUIT PARAMETERS
SHOWN HERE, IT IS ALSO ACCEPTABLE TO CONNECT THE
TRANSODER TO A VIBRATION MONITOR WHICH HAS A "H" (LIMITED ENERGY) APPROVAL TO EN 50021; NOT
APPLICABLE TO U.L.

AGENCY APPROVED PRODUCT
DO NOT DEVIATE FROM
DOCUMENTED CONSTRUCTION
OR LISTED PARTS

METRIX
BROOKS, BOCHU, USA

SPECIFICATION, MODEL 5485C
5/6 IN 3000 HIGH TEMPERATURE
VELOCITY TRANSDUCER
WEIGHING (CLASS 1, GRP. 2)

REV 1.0
DATE 3/1/20

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