CSC300 (Freons - Solvents & VOCs)

Semiconductor sensor technology 4-20mA detector/transmitter

INTRODUCTION

Flexibility and reduced maintenance
Satisfying your safety requirements means making genuine technical breakthroughs as well as providing clear economic value. Sensors integrating zero and sensitivity parameters are used so that maintenance is quick and safe.

The principle of the pre-calibrated sensor unit allows maintenance by a single person and significant reduction in costs.

Clear readability
- Highly sensitive, lighted display allows local reading
- Effective power-up indication by indicator lights
- Indication of maintenance or fault function

High-Level technology
High performance semiconductor sensors for detection in safe area of:
- FREONS: 134A, R11, R12, R22, R23, R141, R142B, R404, contact us for others
- SOLVENTS: ethanol, toluene, trichlorethylene, xylene
- VOCs (volatile organic compounds)

Heavy-duty
- Use of polycarbonate and stainless steel mounting hardware
- Resistant to corrosive agents
- Durable housing

Specifically adapted options
- Removable filters, interchangeable without opening the housing
- (which is dust-proof, condensation-proof and water-resistant)
- Splash guard
- Gas collector cone

TECHNICAL FEATURES

For use in safe area only
Power supply: 15 to 32 V DC (24V DC nominal)
Output: 4-20mA analog output (fault < 1mA, maintenance = 2mA)
Power consumption: 100mA
Linearization card: optional on CO2 version
Dimensions: 130 x 136 x 69 (l x h x d) in mm
Enclosure: Polycarbonate housing
Sealing: IP 66, NEMA 3 & 3R
Certification:
CCSA – Class 4812 10 – Signal Appliances-Detectors
CSAUS – Class 4812 86 - Signal Appliances-Miscellaneous

PART NUMBERS

<table>
<thead>
<tr>
<th>CODE</th>
<th>MEASURING RANGE</th>
<th>PART NUMBER</th>
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<tbody>
<tr>
<td>134A</td>
<td>0 - 2000 ppm</td>
<td>WC30F13A</td>
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<tr>
<td>R11</td>
<td>0 - 1 %vol.</td>
<td>WC30F13B</td>
</tr>
<tr>
<td>R12</td>
<td>0 - 1 %vol.</td>
<td>WC30F22A</td>
</tr>
<tr>
<td>R22</td>
<td>0 - 2000 ppm</td>
<td>WC30F22B</td>
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<tr>
<td>R23</td>
<td>0 - 1 %vol.</td>
<td>WC30F13C</td>
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<tr>
<td>R141</td>
<td>0 - 2000 ppm</td>
<td>WC30F13D</td>
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<tr>
<td>R142B</td>
<td>0 - 2000 ppm</td>
<td>WC30F13E</td>
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<td>R404</td>
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<td>COV</td>
<td>0 - 500 ppm</td>
<td>WC30COV</td>
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<td>Ethanol</td>
<td>0 - 5000 ppm</td>
<td>WC30SOLA</td>
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<tr>
<td>Toluene</td>
<td>0 - 2000 ppm</td>
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<tr>
<td>Trichlorethylene</td>
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<td>WC30SOLC</td>
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<tr>
<td>Xylene</td>
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<td>WC30SOLD</td>
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</table>

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