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HCN 2E 30 F

Product code: HCN 2E 30 F

Manufacturer: City Technology

Measuring Range: 0 - 30 ppm

Sensitivity Range: 30 nA/ ppm \pm 15 nA/ ppm

Zero Current at 20°C: $< \pm$ 5 nA

Resolution at 20°C: $<$ 0.2 ppm

Bias Potential: not required

Linearity: $<$ 5% full scale

Response Time at 20°C

t₅₀ $<$ 20 s calculated from 2 min. exposure time

t₉₀ $<$ 30 s calculated from 2 min. exposure time

Long Term Sensitivity Drift: $<$ 5% per month

Operation Conditions

Temperature Range: -40°C to +40°C

Humidity Range: 15 - 90% r.H., non-condensing

Effect of Humidity: no effects

Sensor Life Expectancy: $>$ 18 months

Life expectancy	$>$ 18 months
Measurement range	0 - 30 ppm
Target Gas	Hydrogen cyanide
Response Time	$<$ 30 seconds (T ₉₀)
Output	30 \pm 15 nA/ppm