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HCN 3E 30 F

Product code: HCN 3E 30 F

Manufacturer: City Technology

Measuring Range: 0 - 30 ppm

Sensitivity Range: 60 nA/ ppm \pm 15 nA/ ppm

Zero Current at 20°C: $< \pm$ 15 nA

Resolution at 20°C: $<$ 0.2 ppm

Bias Potential: 0mV

Linearity: $<$ 5% full scale

Response Time at 20°C:

t₅₀ $<$ 25 s calculated from 2 min. exposure time

t₉₀ $<$ 50 s calculated from 2 min. exposure time

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

Temperature Range: -40°C to +40°C

Humidity Range: 15 - 95% 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	$<$ 50 seconds (T90)
Output	60 \pm 15 nA/ppm