

# Acetone 40/a

Order No. 81 03 381

## Application Range

|                           |                      |
|---------------------------|----------------------|
| Standard Measuring Range: | 40 to 800 ppm        |
| Number of Strokes n:      | 1                    |
| Time for Measurement:     | approx. 1 min        |
| Standard Deviation:       | ± 15 to 20 %         |
| Color Change:             | pale yellow → yellow |

## Ambient Operating Conditions

|                    |                                 |
|--------------------|---------------------------------|
| Temperature:       | 5 to 40 °C                      |
| Absolute Humidity: | 5 to 40 mg H <sub>2</sub> O / L |

## Reaction Principle

Acetone + 2,4-Dinitrophenylhydrazine → yellow hydrazone

## Cross Sensitivity

Other ketones are indicated but with different sensitivities. Aldehydes are indicated. 500 ppm ethylacetate does not affect the indication. Ammonia causes the indicating layer to turn yellowish brown.

