

Xylene 10/a

Order No. 67 33 161

W

Application Range

Standard Measuring Range:	10 to 400 ppm
Number of Strokes n:	5
Time for Measurement:	approx. 1 min.
Standard Deviation:	± 20 to 30 %
Color Change:	white → red brown

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	3 to 15 mg H ₂ O / L

Reaction Principle

$$\text{C}_6\text{H}_4(\text{CH}_3)_2 + \text{HCHO} + \text{H}_2\text{SO}_4 \rightarrow \text{quinoid reaction product}$$

Cross Sensitivity

Styrene, vinyl acetate, toluene, ethyl benzene and acetaldehyde are indicated, but with different sensitivities.

No interference by:

500 ppm octane

200 ppm methanol

400 ppm ethyl acetate



ST-172-2001