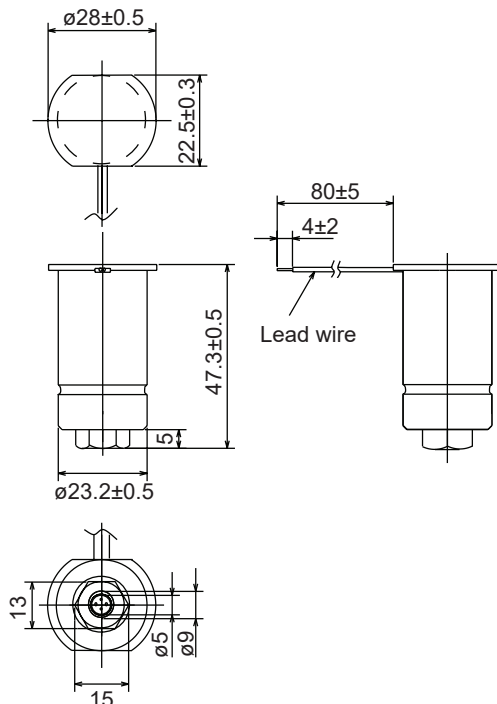


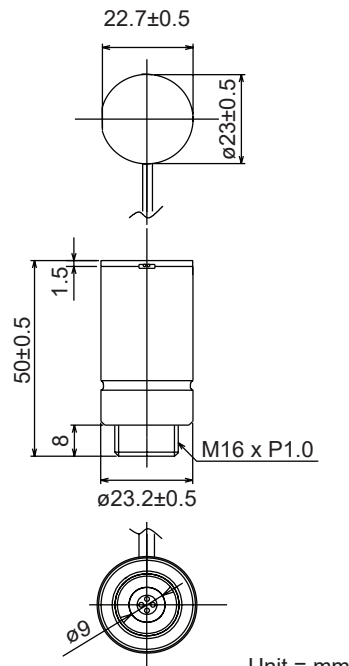


Reference Guide - Maxell KE Series Lead-Free Oxygen Sensors

KE-25LF / KE-50LF
(Standard Version)



KE-12F3LF / KE-25F3LF / KE-25F3LFM
(Threaded Top)



Unit = mm

		REF				
		KE-12F3LF	KE-25LF	KE-25F3LF	KE-50LF	KE-25F3LFM
		Part Number				
		0110543	0110545	0110546	0110549	0110547
Measurement range		0 - 30% oxygen				0 - 100% oxygen
Accuracy		$\pm 1\%$ full scale			$\pm 2\%$ full scale	$\pm 1\%$ full scale
Operating conditions	Atmospheric pressure	811 hPa - 1216 hPa				
	Temperature	5 - 40°C				
	Relative humidity	10 - 90% RH (non-condensing)				
Response time (90%)		Approximately 8 seconds	Approximately 15 seconds	Approximately 15 seconds	Approximately 60 seconds	Approximately 15 seconds
Initial output voltage under factory standard test conditions		9.0 - 15.0 mV	10.0 - 15.5 mV	10.0 - 15.5 mV	4.5 - 7.5 mV	5.0 - 8.0 mV
Life expectancy at 20°C in normal air		Approximately 3 years	Approximately 5 years	Approximately 5 years	Approximately 10 years	Approximately 6 years
Factory test conditions	Test gas	21% oxygen				
	Atmospheric pressure	1013 hPa				
	Temperature	25°C				



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