

EC Gas Sensor Upgrade Notice

As consistently underscored, our top priority is customer satisfaction. SemeaTech remains dedicated to enhancing its products continually, aligning with customer feedback and experiences in the field. The following list highlights the upgraded electrochemical gas sensors, with key performance improvements detailed in the accompanying table. Certain older versions have been phased out, while others remain available to accommodate customers still utilizing them. We strongly recommend transitioning to the new versions to enhance your product performance.

Old Version		Upgraded Version		Detail Changes	Notes
Sensor	PN	Sensor	PN		
4SO2-5	056-0400-000	4SO2-5S	056-040A-000	T90: from 45 s to 15 s	Old version discontinued
				Resolution: from 0.05 ppm to 0.01 ppm	
				Temperature range: from (-20°C~50°C) to (-40°C~50°C)	
				Temperature curve: the curve of -40°C~ -20°C is a new expansion and the curve of -20°C ~ 50°C remains unchanged.	
4SO2-20	056-0000-000	4SO2-20S	056-000A-000	T90: from 45 s to 15 s	Old version discontinued
				Resolution: from 0.1 ppm to 0.01 ppm	
				Temperature range: from (-20°C~50°C) to (-40°C~50°C)	
				Temperature curve: the curve of -40°C~ -20°C is a new expansion and the curve of -20°C ~ 50°C remains unchanged.	
4SO2-100	056-0500-000	4SO2-100S	056-050A-000	T90: from 45 s to 15 s	Old version discontinued
				Resolution: from 0.5 ppm to 0.015 ppm	
				Temperature range: from (-20°C~50°C) to (-40°C~50°C)	
				Temperature curve: the curve of -40°C~ -20°C is a new expansion and the curve of -20°C ~ 50°C remains unchanged.	
4SO2-2000	056-0100-000	4SO2-2000S	056-010A-000	T90: from 60 s to 35 s	Old version discontinued
				Resolution: from 5 ppm to 0.5 ppm	
				Temperature range: from (-20°C~50°C) to (-40°C~50°C)	
				Temperature curve: the curve of -40°C~ -20°C is a new expansion and the curve of -20°C ~ 50°C remains unchanged.	
7SO2-5	056-0600-000	7SO2-5S	056-060A-000	T90: from 70 s to 20 s	Old version discontinued
				Resolution: from 0.08 ppm to 0.04 ppm	
7SO2-20	056-0700-000	7SO2-20S	056-070A-000	T90: from 45 s to 20 s	Old version discontinued
				Resolution: from 0.1 ppm to 0.04 ppm	
7SO2-100	056-0200-000	7SO2-100S	056-020A-000	T90: from 70 s to 20 s	Old version discontinued
				Resolution: from 0.2 ppm to 0.05 ppm	
4H2-1000	054-0000-000	4H2-1000S	054-000A-000	T90: from 70 s to 25 s	Old version is still available but needs to be specified on purchase order
				Resolution: from 5 ppm to 0.5 ppm	
				Temperature range: from (-20°C~50°C) to (-40°C~50°C)	
				Temperature curve: new	
4H2-2000	054-0400-000	4H2-2000S	054-040A-000	T90: from 70 s to 25 s	Old version is still available but needs to be specified on purchase order
				Resolution: from 5 ppm to 0.8 ppm	
				Temperature range: from (-20°C~50°C) to (-40°C~50°C)	
				Temperature curve: new	
4H2-40000	054-0100-000	4H2-40000A	054-S200-000	Resolution: from 50 ppm to 1 ppm	Old version is still available but needs to be specified on purchase order
				Temperature curve: new	
				Cross sensitivity: new, eliminate over 99% of interference from carbon monoxide	
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Old Version		Upgraded Version		Detail Changes	Notes
Sensor	PN	Sensor	PN		
4NH3-2000	059-0600-000	4NH3-2000S	059-060A-000	T90: from 90 s to 45 s	Old version discontinued
7NH3-50S	Not available	7NH3-50S	059-260A-000	T90: from 60 s to 45 s	Old version discontinued
4NO-250	058-0000-000	4NO-250S	058-000A-000	T90: from 30 s to 15 s	Old version discontinued
				Temperature range: from (-20°C~50°C) to (-40°C~55°C) Temperature curve: the curve of (-40°C ~ -20°C and 50°C ~ 55°C) is newly expanded and the curve of -20°C ~ 50°C remains unchanged.	
7NO-100	058-0200-000	7NO-100S	058-020A-000	T90: from 30 s to 15 s	Old version discontinued
				Temperature range: from (-20°C~50°C) to (-40°C~55°C) Temperature curve: the curve of (-40°C ~ -20°C and 50°C ~ 55°C) is newly expanded and the curve of -20°C ~ 50°C remains unchanged.	
4PH3-1000A	060-1000-000	4PH3-1000S	060-100A-000	T90: from 60 s to 30 s Temperature range: from (-20°C~50°C) to (-40°C~50°C)	Old version discontinued
4PH3-2000A	060-1100-000	4PH3-2000S	060-110A-000	T90: from 60 s to 30 s	Old version discontinued
				Temperature range: from (-20°C~50°C) to (-40°C~50°C)	