Selection Guide (ISE)

Industrial Ion Selective Sensor Selection Guide

IONS MEASURED BY SOLID-STATE ISE SENSORS	3/4″-1″ MNPT IMMERSION TYPE AB 6XX0 ISE SENSOR SERIES	1″ MNPT TWIST-LOCK TYPE AB 8XX0 ISE SENSOR SERIES	SANITARY / HOT-TAP TYPE AB 5XX0 ISE SENSOR SERIES
*Fluoride (F^-) SPECIAL CONFIGURATION * for Acid / Etching & WWTP Applications*	AB 6100 *	Not Available	Not Available
Fluoride (F^-) for Water Quality & Fluoridation Applications	AB 6100H	AB 8100	AB 5100
Chloride (Cl^-)	AB 6110	AB 8110	*Spec sheet coming soon*
Bromide (Br^-)	AB 6130	AB 8130	*Spec sheet coming soon*
Iodide (I^-)	AB 6140	AB 8140	*Spec sheet coming soon*
Cyanide (CN^-)	AB 6160	AB 8160	*Spec sheet coming soon*
Silver (Ag^+)	AB 6170	AB 8170	*Spec sheet coming soon*

* AB 6100 Special Fluoride (F^-) ion selective (ISE) sensor is only available in 1″-1.25″ MNPT Immersion/Submersible Style Configuration & Installation Scheme

IONS MEASURED BY ORGANIC PVC MEMBRANE ISE SENSOR	3/4″-1″ MNPT IMMERSION TYPE AB 6XX0 ISE SENSOR SERIES	1″ MNPT TWIST-LOCK TYPE AB 8XX0 ISE SENSOR SERIES	SANITARY / HOT-TAP TYPE AB 5XX0 ISE SENSOR SERIES

Ammonium (NH_4^+)	**AB 6410**	**AB 8410**	**AB 5410**
Sodium (Na^+)	**AB 6430**	**AB 8430**	*Spec sheet coming soon*
Calcium (Ca^{2+})	**AB 6440**	**AB 8440**	**AB 5440**
Lithium (Li^+)	**AB 6490**	**AB 8490**	*Spec sheet coming soon*
Chloride (Cl^-)	**AB 6610**	**AB 8610**	*Spec sheet coming soon*
Nitrate (NO_3^-)	**AB 6810**	**AB 8810**	*Spec sheet coming soon*
Nitrite (NO_2^-)	**AB 6820**	**AB 8820**	*Spec sheet coming soon*

NOTES: Sensor Body Housing is RADEL® (Poly-Phenyl-Sulfone, PPSU) material of construction for all 6XX0, 8XX0 and 5XX0 series ion selective sensors. Primary reference junction support matrix for solid-state non-porous conductive polymer proprietary reference system in HDPE (High-Density-Poly-Ethylene) with KYNAR® (Poly-Vinylidene-Fluoride, PVDF) available as a special order option for selected configurations.

PLEASE INQUIRE FOR ANY ION SELECTIVE MEASUREMENT TYPES NOT LISTED HERE