

## 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 <sup>-</sup> ) SPECIAL CONFIGURATION * for Acid / Etching & WWTP Applications	AB 6100 *	Not Available	Not Available
Fluoride (F <sup>-</sup> ) for Water Quality & Fluoridation Applications	AB 6100H	AB 8100	AB 5100
Chloride (Cl⁻)	AB 6110	AB 8110	Spec sheet coming soon
Bromide (Br <sup>-</sup> )	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

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

Ammonium (NH <sub>4</sub> <sup>+</sup> )	AB 6410	AB 8410	AB 5410
Sodium (Na <sup>+</sup> )	AB 6430	AB 8430	Spec sheet coming soon
Calcium (Ca²+)	AB 6440	AB 8440	AB 5440
Lithium (Li <sup>+</sup> )	AB 6490	AB 8490	Spec sheet coming soon
Chloride (Cl⁻)	AB 6610	AB 8610	Spec sheet coming soon
Nitrate (NO₃⁻)	AB 6810	AB 8810	Spec sheet coming soon
Nitrite (NO <sub>2</sub> -)	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