



## Selection Guide (ISE)

### Industrial Ion Selective Sensor Selection Guide

IONS MEASURED BY <u>SOLID-STATE</u> 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
<i>Fluoride (F<sup>-</sup>) SPECIAL CONFIGURATION * for Acid / Etching &amp; WWTP Applications</i>	<a href="#"><u>AB 6100</u></a> *	Not Available	Not Available
<i>Fluoride (F<sup>-</sup>) for Water Quality &amp; Fluoridation Applications</i>	<a href="#"><u>AB 6100H</u></a>	<a href="#"><u>AB 8100</u></a>	<a href="#"><u>AB 5100</u></a>
<i>Chloride (Cl<sup>-</sup>)</i>	<a href="#"><u>AB 6110</u></a>	<a href="#"><u>AB 8110</u></a>	<i>Spec sheet coming soon</i>
<i>Bromide (Br<sup>-</sup>)</i>	<a href="#"><u>AB 6130</u></a>	<a href="#"><u>AB 8130</u></a>	<i>Spec sheet coming soon</i>
<i>Iodide (I<sup>-</sup>)</i>	<a href="#"><u>AB 6140</u></a>	<a href="#"><u>AB 8140</u></a>	<i>Spec sheet coming soon</i>
<i>Cyanide (CN<sup>-</sup>)</i>	<a href="#"><u>AB 6160</u></a>	<a href="#"><u>AB 8160</u></a>	<i>Spec sheet coming soon</i>
<i>Silver (Ag<sup>+</sup>)</i>	<a href="#"><u>AB 6170</u></a>	<a href="#"><u>AB 8170</u></a>	<i>Spec sheet coming soon</i>

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

IONS MEASURED BY <u>ORGANIC PVC</u> <u>MEMBRANE</u> 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

<b>Ammonium (NH<sub>4</sub><sup>+</sup>)</b>	<b><u>AB 6410</u></b>	<b><u>AB 8410</u></b>	<b><u>AB 5410</u></b>
<b>Sodium (Na<sup>+</sup>)</b>	<b><u>AB 6430</u></b>	<b><u>AB 8430</u></b>	<i>Spec sheet coming soon</i>
<b>Calcium (Ca<sup>2+</sup>)</b>	<b><u>AB 6440</u></b>	<b><u>AB 8440</u></b>	<b><u>AB 5440</u></b>
<b>Lithium (Li<sup>+</sup>)</b>	<b><u>AB 6490</u></b>	<b><u>AB 8490</u></b>	<i>Spec sheet coming soon</i>
<b>Chloride (Cl<sup>-</sup>)</b>	<b><u>AB 6610</u></b>	<b><u>AB 8610</u></b>	<i>Spec sheet coming soon</i>
<b>Nitrate (NO<sub>3</sub><sup>-</sup>)</b>	<b><u>AB 6810</u></b>	<b><u>AB 8810</u></b>	<i>Spec sheet coming soon</i>
<b>Nitrite (NO<sub>2</sub><sup>-</sup>)</b>	<b><u>AB 6820</u></b>	<b><u>AB 8820</u></b>	<i>Spec sheet coming soon</i>

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**