



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⁻) SPECIAL CONFIGURATION *</i> <i>for Acid / Etching & WWTP Applications</i>	<u>AB 6100</u> *	Not Available	Not Available
<i>Fluoride (F⁻) for Water Quality & Fluoridation Applications</i>	<u>AB 6100H</u>	<u>AB 8100</u>	<u>AB 5100</u>
<i>Chloride (Cl⁻)</i>	<u>AB 6110</u>	<u>AB 8110</u>	<i>Spec sheet coming soon</i>
<i>Bromide (Br⁻)</i>	<u>AB 6130</u>	<u>AB 8130</u>	<i>Spec sheet coming soon</i>
<i>Iodide (I⁻)</i>	<u>AB 6140</u>	<u>AB 8140</u>	<i>Spec sheet coming soon</i>
<i>Cyanide (CN⁻)</i>	<u>AB 6160</u>	<u>AB 8160</u>	<i>Spec sheet coming soon</i>
<i>Silver (Ag⁺)</i>	<u>AB 6170</u>	<u>AB 8170</u>	<i>Spec sheet coming soon</i>

* 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 <u>ORGANIC PVC 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

Ammonium (NH₄⁺)	<u>AB 6410</u>	<u>AB 8410</u>	<u>AB 5410</u>
Sodium (Na⁺)	<u>AB 6430</u>	<u>AB 8430</u>	<i>Spec sheet coming soon</i>
Calcium (Ca²⁺)	<u>AB 6440</u>	<u>AB 8440</u>	<u>AB 5440</u>
Lithium (Li⁺)	<u>AB 6490</u>	<u>AB 8490</u>	<i>Spec sheet coming soon</i>
Chloride (Cl⁻)	<u>AB 6610</u>	<u>AB 8610</u>	<i>Spec sheet coming soon</i>
Nitrate (NO₃⁻)	<u>AB 6810</u>	<u>AB 8810</u>	<i>Spec sheet coming soon</i>
Nitrite (NO₂⁻)	<u>AB 6820</u>	<u>AB 8820</u>	<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