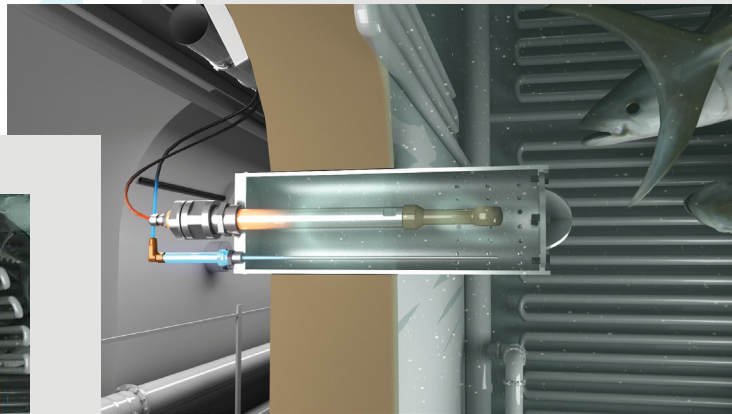




TEMPERATURE AND CONDUCTIVITY PROBES



Temperature and conductivity probes

The probes installed in each of the tanks provide continuous measurement of temperature and conductivity in brine or seawater.

They are protected from shocks by an Inox carter while keeping them in direct contact with the liquid.

The measurements collected by these probes make it possible to determine:

- the temperature inside the tank (*dry or filled with liquid*)
- the mass percentage of salt
- the liquid freezing point
- the temperature at which the dihydrate appears

These probes meet high-precision metrology standards and have been selected to withstand the restrictive environment of the vessels and the freezing and refrigeration processes.



All components present are of superior quality and meet marine requirements

Technical features:

Temperature probe Pt100 Class A

- ✓ Measuring range -30°C to 50°C
- ✓ Accuracy according IEC (60751) : $\pm 0,2^{\circ}\text{C}$
- ✓ Resolution : $0,1^{\circ}\text{C}$
- ✓ Electric connection M12 IP69
- ✓ Material: stainless steel 316L
- ✓ Immersion length 450mm
- ✓ Diameter 6mm

Digital inductive conductivity probe

- ✓ Measuring range $2\ \mu\text{S/cm} \dots 2\ \text{S/cm}$
- ✓ Accuracy : $\pm 0,5\%$ of reading
- ✓ Ambient temperature -20°C to 60°C
- ✓ Material: PEEK
- ✓ Immersion cane made of stainless steel 316L
- ✓ Low risk of soiling



Bureau Veritas evaluates the proper functioning of the "Smart Brine Viewer" system developed by Olen, which measures temperature and salinity data during the conservation process of fishery products. The significance and the limits of this evaluation are detailed in the evaluation report.



www.olensystem.com

contact@olensystem.com Tél. +33 (0)2 98 98 60 30

OLEN SAS 9 rue du Professeur Legendre - 29900 CONCARNEAU - FRANCE