

# Argus Compensator Datasheet

Model: ARS\_COMP\_2000 and ARS\_COMP\_7000



The Argus compensators are designed to work as a HPU reservoir / compensator, or to provide an internal overpressure for pressure compensated subsea components, like thrusters, junction boxes, transformers etc. The compensator protects against sea water penetration from internal air pockets, sealing failures, temperature variations or oil compression. The optional sensors will alert the user so that service can be provided.

Argus hydraulic compensators can be delivered with proximity position sensors for real time feedback of oil level / piston displacement. The compensator pistons are visible through slots in the casing, which allows for visual inspection of oil level directly or through the camera. Oil quality can be inspected through a strong polycarbonate window. The compensators are made of durable materials, including hard-anodized 6082-T6 aluminium, 316 stainless steel and POM plastic.

## Key parameters

Operating depth (sensors)	6000m
Output signal	4-20mA (RS232 optional)
Connector, sensor	MCPBOF5MSS
Diaphragm material	Nylon reinforced NBR

Model	ARS_COMP_2000	ARS_COMP_7000
Oil volume [l]	2	7
Weight in air [kg]	3,9 (w.o. oil)	11,7 kg (w.o. oil)
Weight in water [kg]	2,1 kg (w.o. oil)	7,0 kg (w.o. oil)
Oil pressure [Bar]	0,4-0,6	0,3-0,6
Dimensions [mm]	Ø200 x L300	Ø260 x L500
Output holes*	4 x G1/2" 4 x G3/8"	1 x G2, 4 x G1/2" 2 x G3/8" and 2 x G1/4"

\*Fittings not included

