

1,2 L HYDRAULIC COMPENSATOR

With or without sensor

The function of the compensator is to maintain a raised pressure in a fluid circuit related to ambient at all water depths.

This is achieved by a spring acting on a rolling diaphragm, i.e. the connected fluid circuit will always see a pressure equal to ambient sea water pressure plus the pressure generated by the spring.

Use of rolling diaphragm instead of piston is a great advantage to reduce hysteresis in the compensation system.

The compensator is provided with an interface that allows easy installation and stacking. Optional analog volume sensor is available. Even without volume sensor, the oil level can be visually read through slots in the spring housing.

1,2 L COMPENSATOR	WITHOUT SENSOR	WITH SENSOR
Manufacturer	KYSTDESIGN AS	
Product No.	101529	101522
Model Code	AF87-2000	AF87-1000
Capacity	1,28 Liter	1,22 Liter
Pressure	0,15 - 0,55 Bar	
Hydraulic Connection	5x 3/8" BSPP	
Length	351 mm	563 mm
Width	□ 125 mm	
Weight in air	3,27 kg	4,33 kg
Depth rate	Full ocean depth	3000 m Option 6000 m
Mechanical interface	Fastening to external structure by using any of the bolt holes, or by clamps around the cylindrical part. Clamps can be supplied on request.	



KYSTDESIGN AS

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