

Transduction Chamber - P0005



- mechanical, antimagnetic, sea water resistant, maintenance free
- shock and vibration resistant

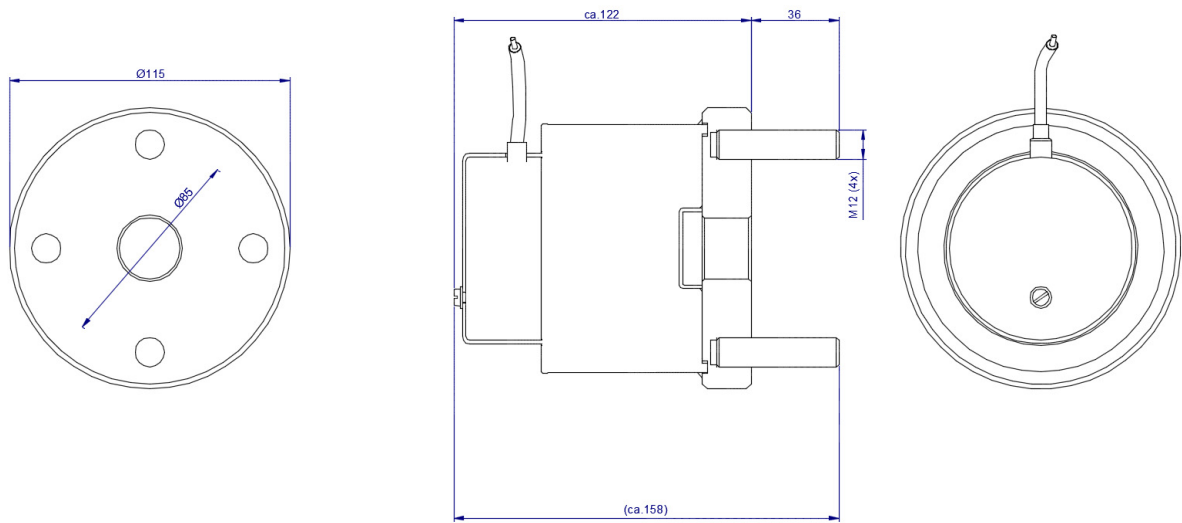
Applications Shipbuilding, naval shipbuilding, heating and air-conditioning technology, environmental and process technology, plant construction.

Media All kinds of fluids that do not solidify.

The Pneumatic Tank Level System Type 257 continuously measures the tank levels without the need for auxiliary energy. The system is a closed, pressurized system. The device is applicable for tanks between 0,5m and 16m height.

The transduction chamber is filled with the tank fluid and transmits the hydrostatic pressure to the indicator gauge using the transmission line. Height differences between the indicator gauge and the transduction chamber do not influence the measuring result. The transduction chamber must not be separated from the transmission line and the indicator gauge.

Specifications		
connection sizes	DN25 DN40 DN50 JIS 16K 25	
start of measuring range	mounting position of the transduction chamber	
transmission line position	side	
mounting position	90° *other options on request	
weather protection	IP67 as per DIN EN 60529	
short time overpressure	15 bar	
Technical Limitations:		
	min	max
tank height	0,5m	16m
operating temperature	-20°C	65°C
transmission line length		
tank height 0,5m-2m		5m
tank height: 2m-16m		16m
temperature influence		±0,4% FSO/10K
weight	3 kg	
Material		
casing	stainless steel / steel	
wetted parts	copper alloys	



Dimensions (mm)

Colours

casing	black	RAL 9005
	grey	RAL 7037
	*more colour options on enquiry	