



Indicator Gauge - P0003



- as per DIN EN 837-1
- nominal size: 160
- rear mounting rim
- mechanical, antimagnetic, sea water resistant, maintenance free
- shock and vibration resistant as per BV 0430/0440
- Type approval according to DNV GL

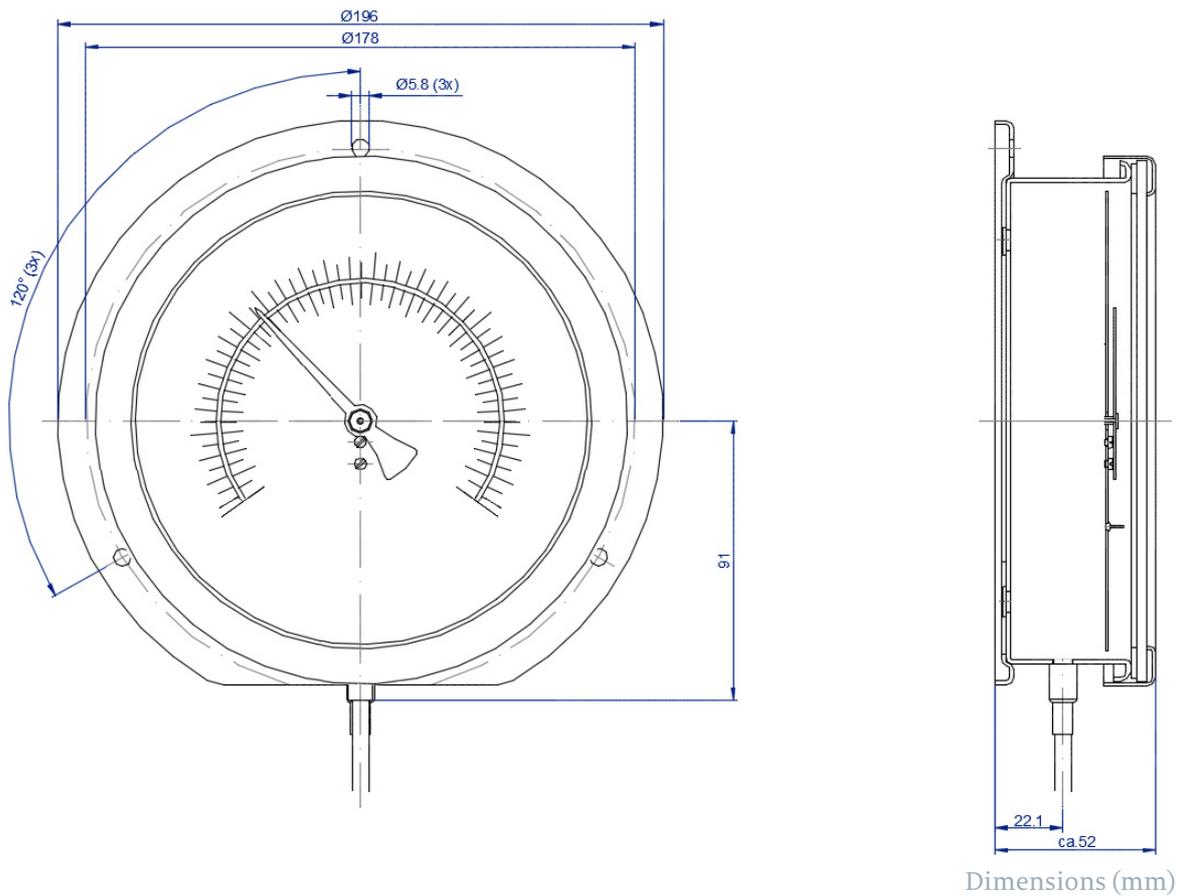
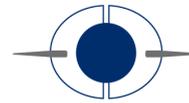
Applications Shipbuilding, naval shipbuilding, heating and air-conditioning technology, environmental and process technology, plant construction.

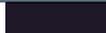
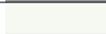
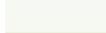
Media All types of fluids that do not solidify.

The Pneumatic Tank Level System Type 257 and 258 continuously measure the tank levels without the need for auxiliary energy. The device is applicable for tanks between 0,5m and 16m height. The Pneumatic Tank Level System consists of the indicator gauge, a transduction chamber and a transmission line connecting the two. The system is a closed, pressurized system.

The indicator gauge displays the pressure difference in the transduction chamber. Height differences between the indicator gauge and the transduction chamber do not influence the measuring result. The indicator gauge must not be separated from the transmission line and the transduction chamber.

Specifications		
mounting position	90°	
	*other options on request	
precision class	1 as per DIN EN 837-1	
permanent pressure	100% of scale	
alternation pressure	90% of scale	
short time overpressure	15 bar	
material of casing	stainless steel	
material of window	security glass, etched on one side	
Technical Limitations		
	min	max
tank height	0,5m	16m
operating temperature	-20°C	65°C
temperature influence		±0,4% FSO/10K
weight	1,6 kg	
Transmission Line		
position	bottom	transmission line position
type	capillary tube (copper) Ø2mm, minimum bending radius 100mm	
length	tank height 0,5m-2m	max. 5m
	tank height: 2m-16m	max. 16m
Coating of Transmission Line		
stainless steel (1.4404)	steel, coated with PVC black	copper (2.0090)
Ø6mm	Ø5,3mm	Ø6mm
usage inside & outside	usage only outside	usage inside & outside



Colours			
casing	black	RAL 9005	
	chromed		
	grey	RAL 7037	
scale background	white	RAL 9010	
	black	RAL 9005	
	fluorescent	UVG 75 green	
scale labels	yellow	RAL 1021	
	white	RAL 9010	
	fluorescent	UVG 75 green	
	black	RAL 9005	
pointer	black	RAL 9005	
	yellow	RAL 1021	
	fluorescent	UVG 75 green	
marking pointer	red	RAL 2002	
scale coloured sections	red	RAL 2002	
	yellow	RAL 1021	
	green	RAL 6018	
*more colour options on enquiry			