

## Pressure Gauge on Board - M0055



- constructed according to DIN EN 837-1
- nominal size: 100
- on board
- mechanical, antimagnetic, maintenance-free, shock and vibration resistant
- with bursting diaphragm

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

**Media** All types of fluids and gases that do not corrode copper alloys, solidify or have a high viscosity. (i.e. nitrogen, hydraulic oil)

### Available Versions

bourdon tube	c shape < 80 bar < helix shape
process connection	M16x1,5 (standard) * other process connections on enquiry
position of process connection	bottom top
shut off	1 hand wheel - C63, DIN 388
accuracy class	1 as per DIN EN 837-1 *other classes on enquiry
permanent pressure	100% of scale
alternating pressure	90% of scale
short term overpressure	130% of scale

### Technical Limitations

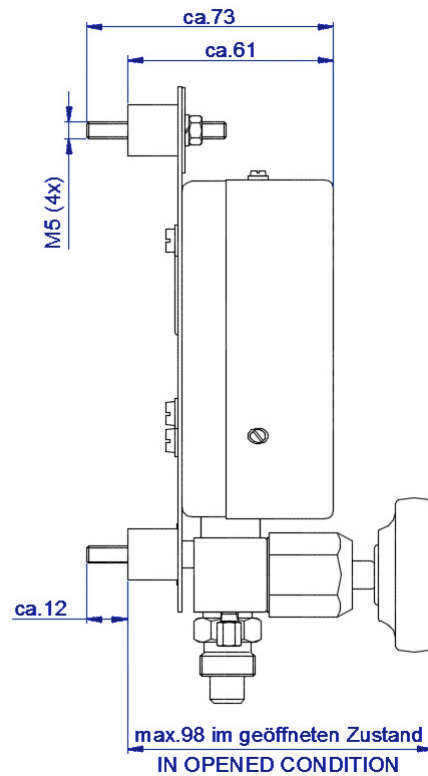
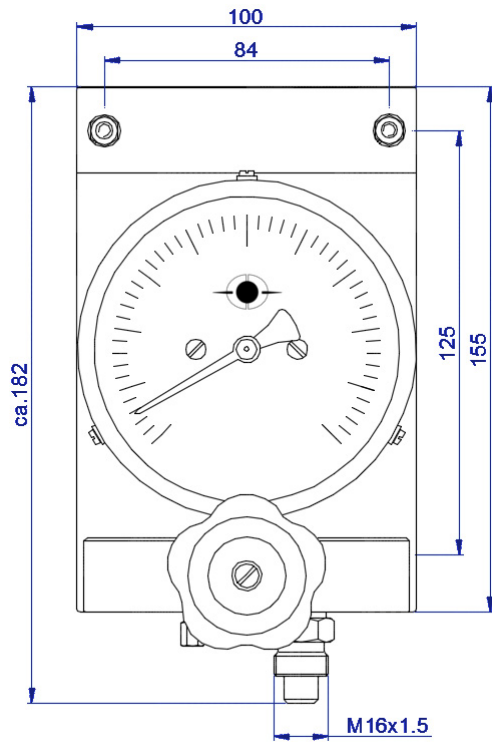
	min	max
pressure range	-1 bar	400 bar
temperature of medium	-20°C	+100°C
operation temperature	-20°C	+100°C
temperature influence		±0,4% FSO / 10K
weight	1,3kg	

### Options

















red markings on scale	yes/no
coloured sections on scale	red/yellow/green
free from oil and grease	yes/no
fit for O <sub>2</sub> application	yes/no

### Material

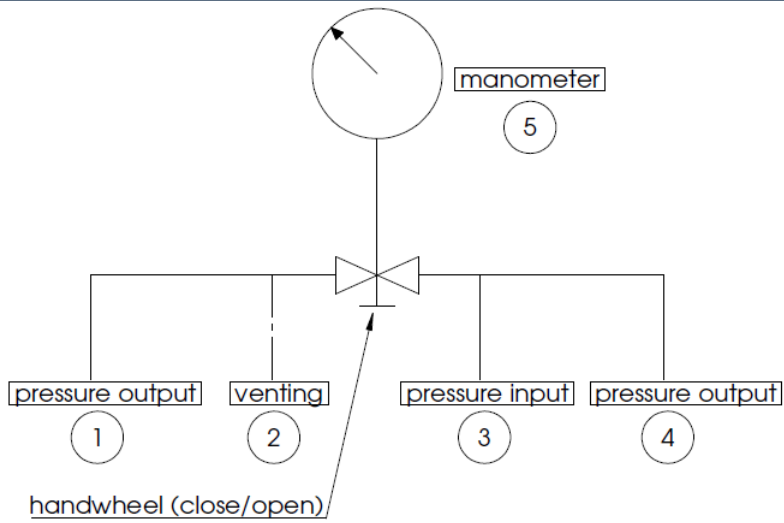
casing	brass
wetted parts	stainless steel and copper alloys
window	safety glass, non-reflecting



Dimensions

Colours				
casing	black		RAL 9005	
	grey		RAL 7037	
background of scale	white		RAL 9010	
	black		RAL 9005	
	fluorescent colour		UVG 75 green	
scale labels	yellow		RAL 1021	
	white		RAL 9010	
	fluorescent colour		UVG 75 green	
	black		RAL 9005	
pointer	black		RAL 9005	
	red		RAL 2002	
	yellow		RAL 1021	
	fluorescent colour		UVG 75 green	
coloured markings on scale	red		RAL 2002	
	yellow		RAL 1021	
	green		RAL 6018	
*other options on request				

### Flow Diagram



### Switch Diagram

