

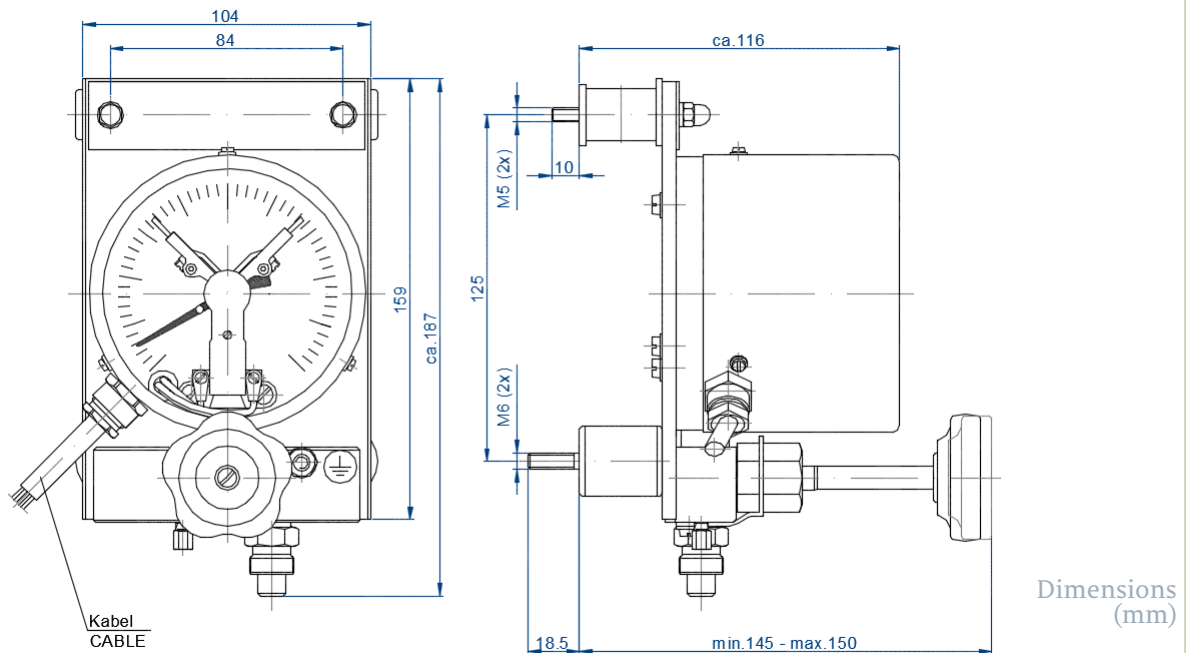
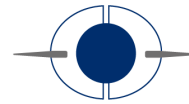
Pressure Gauge on Board with Switch Contact- M0131

- according to DIN EN 837-1
- nominal size: 100, on board
- mechanical, antimagnetic, maintenance free
- shock and vibration resistant as per BV 430/440
- with earthing connection and venting screw
- with 2 switch contacts for the output of an electrical signal at a preset measuring point.

















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

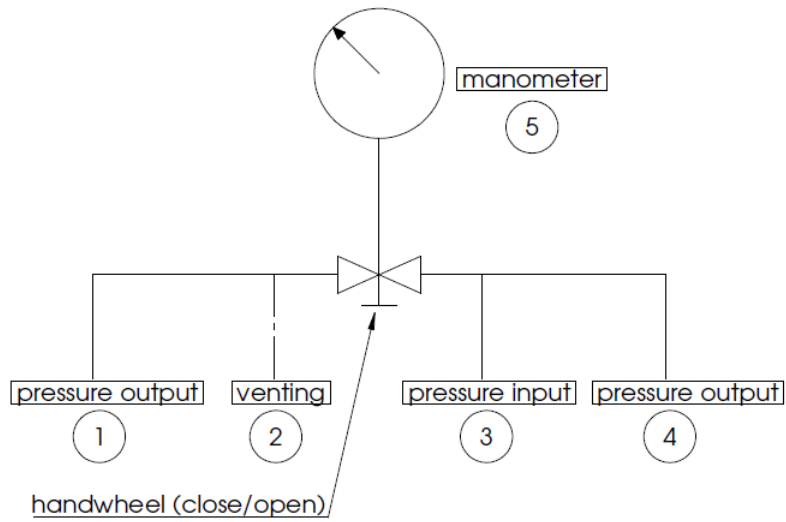
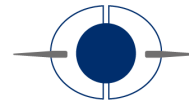
Media All types of fluids and gases that do not corrode copper alloys, solidify or have a high viscosity. (i.e. nitrogen, hydraulic oil)

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	
weather protection	IP44 as per DIN 40050	
grounding	M6	
switch contacts	magnetic snap-action contacts: first opens, second closes.	
power supply	STANAG 1009, 24Vdc	
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
isolation resistance		>1 MΩ
curve deviation		0,8%
permanent pressure		100% of scale
alternating pressure		90% of scale
short term overpressure		130% of scale
weight	1.8kg	
Options		
red markings on scale	yes/no	
coloured sections on scale	red/yellow/green	
with bursting diaphragm	yes/no	
free from oil and grease	yes/no	
fit for O ₂ application	yes/no	

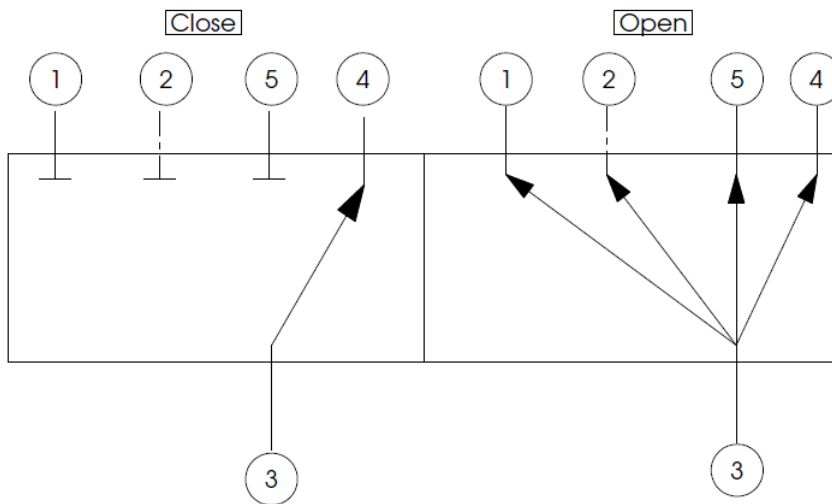


Material		
casing	CuZn37	
wetted parts	CuBe2, CuAl9Ni7	
window	safety glass, etched on one side	

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



flow diagram



switch diagram
(stop valve)