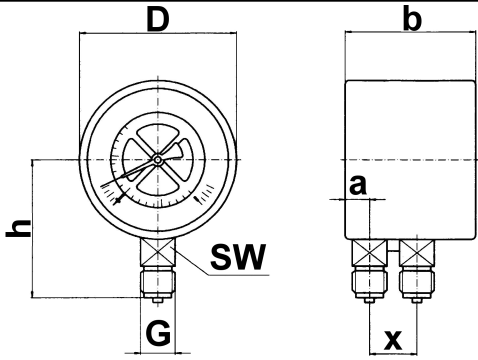


differential pressure manometer series MA087



design	bourdon tube manometer according to EN 837-1, two independent measuring systems, a normal pointer in front (black), a scale pointer rear with differential pressure indicator (red), differential pressure indicator $\pm 50\%$ from the indicating range
nominal size	diameter 100mm and 160mm
accuracy	class 1,6
medium temperature	max. $+60^{\circ}\text{C}$
ambient temperature	$-20...+60^{\circ}\text{C}$
temperature effect	$\pm 0,4\%/10\text{K}$ of full scale on deviation from normal temperature 20°C
protection class	IP45 according to EN60529
material	body stainless steel AISI 304 pressure connection brass measuring unit and movement copper based alloy front glass flat instrument glass
application	constant load full scale alternating load $0,9 \times$ full scale short time $1,3 \times$ full scale
application	for gaseous and liquid, not highly viscous or crystallising fluids, which do not attack copper alloys
information	select the required indication range according to the maximum overpressure that occurs to ensure good readability the differential pressure should not fall below $1/6$ of the full scale.

dimensions

								
diameter [mm]	thread G	a	b	D	h	SW	X	weight [app. kg]
100	1/2"	16	92	101	87	22	32	
160	1/2"	16	101	161	116	22	32	

illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice