DUPLOMATIC
HYDRAULICS

M63
MANOMETER

SERIES 10

in compliance with EN 837-1

TECHNICAL CHARACTERISTICS

Nominal diameter	mm	63
Nominal pressure	bar	0 ÷60 0 ÷100 0 ÷160 0 ÷250 0 ÷400
Static pressure	3/4 of the end scale value	
Dynamic pressure	2/3 of the end scale value	
Limit pressure	end scale value for short periods	
Precision class according to EN 837-1/6	1.6	
Thermal drift	± 0,4%/10K in the measure range	
Protection class according to EN 60529 IEC 529	IP65	
Working temperature range	°C	-20 ÷ +80
Ports according to EN 837-1/6	1/4 GAS	
Ports material	copper alloy	
Sensible element: 0 ÷ 60	copper alloy, type-C, braze welding spring	
0 ÷100 0 ÷160 0 ÷250 0 ÷400	copper alloy, helical, braze welding spring	
Mouvements	copper alloy	
Dial	white plastic with lock pins in balck plastic	
Case	stainless steel with natural finishing, and OR between case and schank	
Display	trasparent plastic	
Filling in liquid	glycerin 85% + distilled water 15%	
Marking CE	in compliance with 97/23/CE of 29.05.97 art. 3 par. 3	
Mass	Kg	0,24

DESCRIPTION

- The manometers M63 are pressure indicators used on hydraulic systems.

- They guarantee a correct pressure measurement also with pulsations and vibrations.

- They are available in 5 different pressure scales and 2 connection types for mounting with radial port or rear port with flange connector.

- The case is made of stainless steel and the connection is made of copper alloy.

- The filling in liquid is made of 85% glycerin and 15% distilled water.

- As they are realised in compliance with 97/23/CE of the 29-05-97 art. 3 par. 3, only the ones with the end scale of 250 and 400 bar have the marking CE on the dial.

- The construction and the realisation have been done according to EN 837-1.

HYDRAULIC SYMBOL

1 - IDENTIFICATION CODE

M	63	-		/	10	

Manometer

Dial nominal diameter
63 = 63 mm

Manometer scale
060 = 0 ÷ 60 mm **250** = 0 ÷ 250 mm
100 = 0 ÷ 100 mm **400** = 0 ÷ 400 mm
160 = 0 ÷ 160 mm

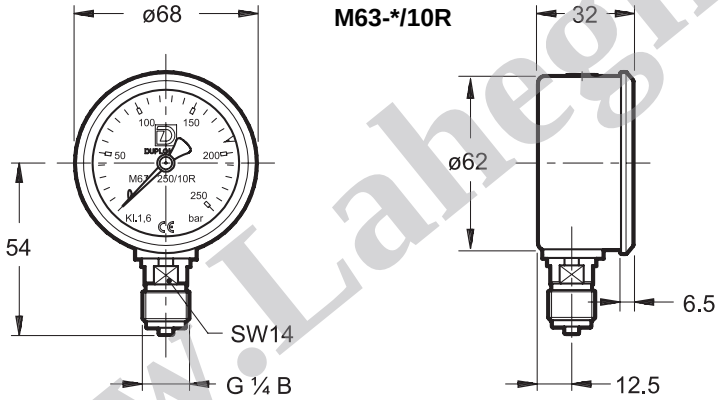
Connection type:
R = radial connector
PF = flange connector

Series no.: (the overall and mounting dimensions remain unchanged from 10 to 19)

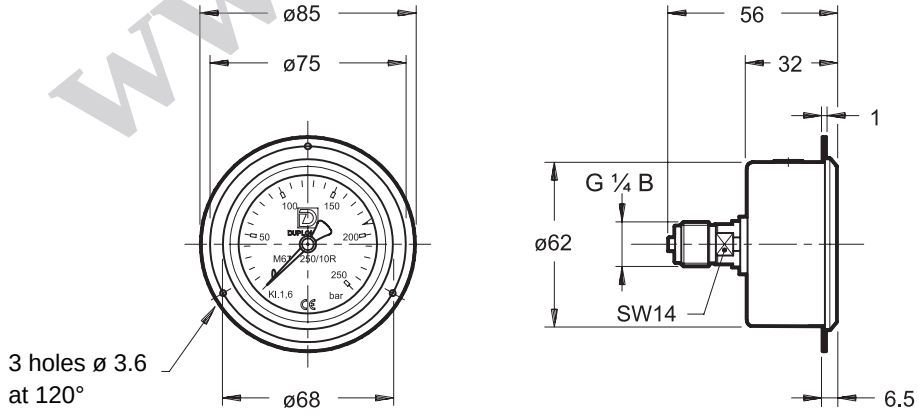
2 - OVERALL AND MOUNTING DIMENSIONS

dimensions in mm

M63-*/10R



M63-*/10PF



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