

Contact pressure gauges with diaphragm Industry version , with or without filling

Nominal size 100 , 160
Accuracy class 1,6 and 2,5

according to DIN EN 837-3

Features

High resistance to overpressure
Robust stainless steel case
Highly suitable for extremely viscous or
crystallizing media

Applications

Food and beverage industries,
Mechanical engineering, plant and
apparatus construction ,



Version	with silicon oil filling			
Model and ND	KMP-20 100	KMP-20 160	KMP-20 F 100	KMP-20 F 160
Connection	bottom			
Accuracy class	1,6, ranges under 600 mbar with filling only KI. 2,5			
Ranges	in mbar	0...60, 100, 160, 250, 400		
	in bar	0...0,6, 1, 1,6, 2,5, 4, 6, 10, 16, 25		
	in bar	-0,6 / 0, -1 / 0, -1 / +0,6, -1 / +1,5, -1 / +3, -1 / +5, -1 / +9, -1 / +15		
Application	Constant load full scale value Alternating load 0,9 x full scale value Overload protection 1,3 x full scale value short time			
Case	CrNi steel			
Bezel	CrNi steel			
Window	Polycarbonate			
Dial	Aluminium white, scale black			
Pointer	Aluminium, black			
Movement	Copper alloy ,bearing parts nickel silver			
Flange diameter	160 mm up to 250 mbar, 100 mm from 0,4 bar			
Measuring element	CrNi steel , from 2,5 bar Duratherm 600			
Lower flange	SW 22, Steel zincing			
Connection	G 1/2 B and DIN-flange DN 15, 20, 25 and 50, for all PN 40			
Protection	IP 54 according to EN 60529 / IEC 529		IP 65 according to EN 60529 / IEC 529	
Temperatures	Medium: -20°C to 100°C, Ambient: -25°C to 60°C			
Informations about magnet snap action contact and inductive contact see data sheets M 950 and 960				

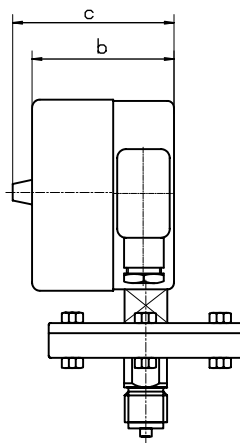
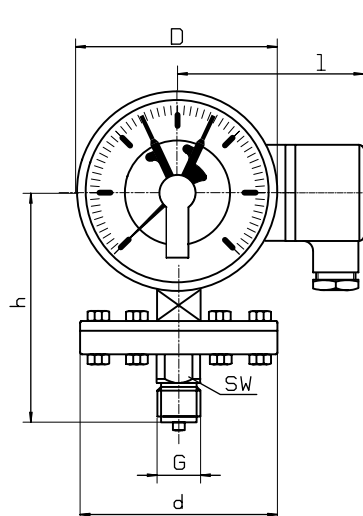
SUCHY MESSTECHNIK

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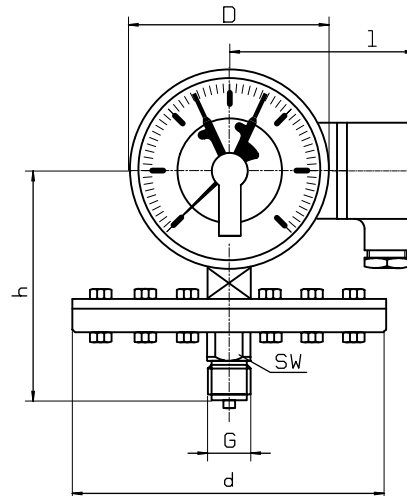
Data sheet M 520 01

Dimensions

Flange 100 mm



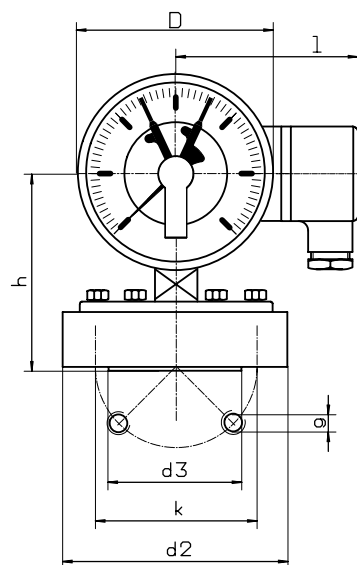
Flange 160 mm



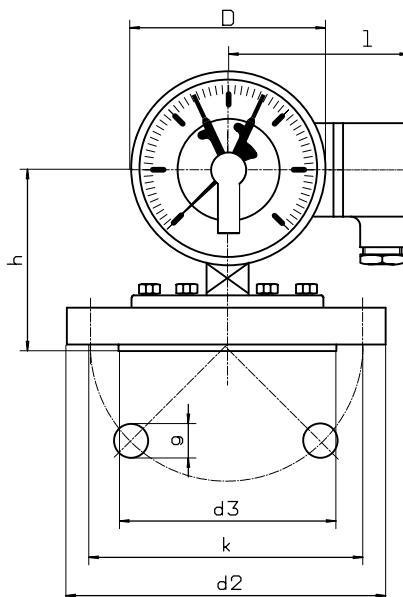
Flange according to DIN

Flange 100 mm

DN 25

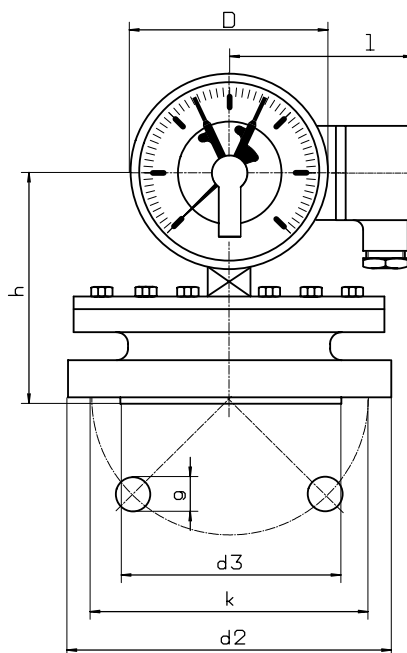


DN 50



Flange 160 mm

DN 50



Modelspecification

Model
KMP-2

Connection
0

bottom = 0

Filling

F or -

with filling = F
without filling =

Nominal size

100 or 160

Case ND 100 = 100
Case ND 160 = 160

Range

f.e. 10 bar

after rangespecification
or direct 10 bar

Options

f.e. M 12

Contact after specification

Contact closes/opens
other versions
f.e. DIN flange DN 50

Dimensions table lock at data sheet M 590

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