Pressure gauge with diaphragm
Industry version with or without filling

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

according to DIN EN 837-3

Features
High resistance to overpressure
Robust stainless steel case
Higly suitable for extremly viscous or crystallizing media

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

Version			**with glycerine filling**	
Model and ND	**MP-20 100**	**MP-20 160**	**MP-20 100 F**	**MP-20 160 F**
Connection	bottom			
Accuracy class	1,6, ranges under 600 mbar with filling only Kl. 2,5			
Ranges in mbar	0...10, 16, 25, 40, 60, 100, 160, 250		0...40, 60, 100, 160, 250	
in bar	0...0,4, 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	Steel black	CrNi steel	
Bezel	CrNi steel	Steel black	CrNi steel	
Window	Glas lens			Lamineted safety glass
Dial	Aluminium white, scale black			
Pointer	Aluminium, black			
Movement	Copper alloy ,bearing parts nickel silver			
Flangediameter	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 54 according to EN 60529 / IEC 529	
Temperatures	Medium: -20°C to 100°C, Ambient: -25°C to 60°C			

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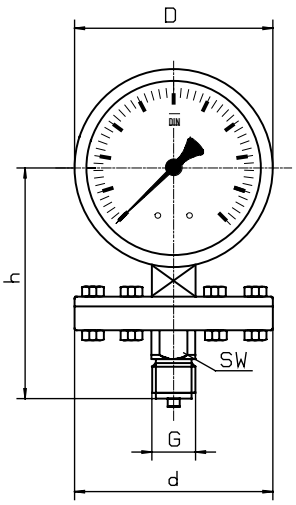
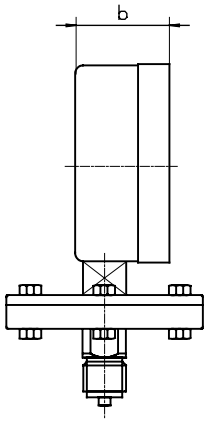
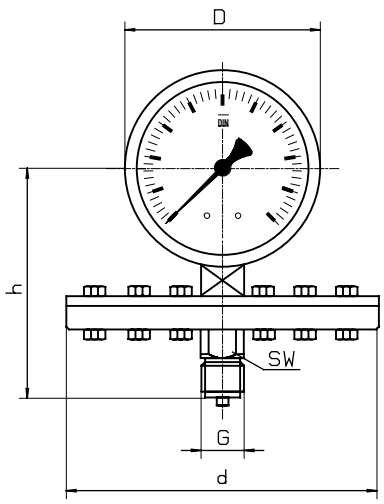
Dimensions

Flange 100 mm





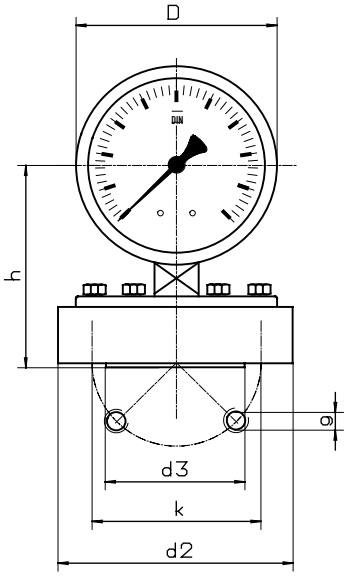
Flange 160 mm



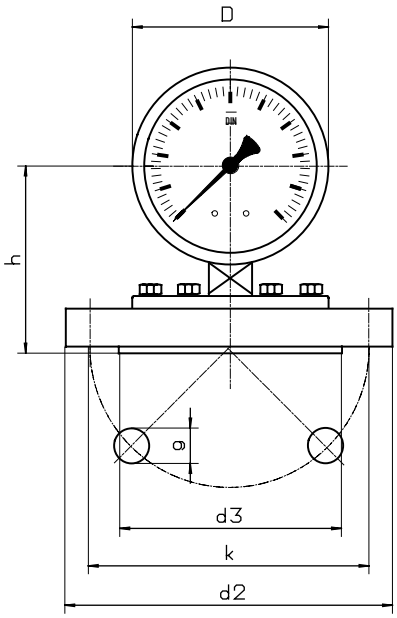
Flange according to DIN

Flange 100 mm

DN 25

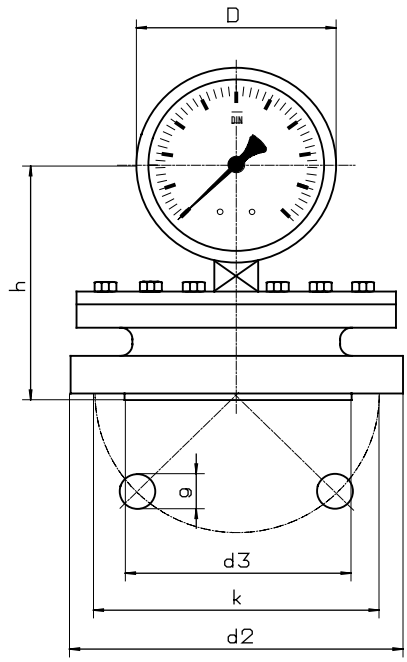


DN 50



Flange 160 mm

DN 50



Modelspecification

Model	Connection	Filling	Nominal size	Range	Options
MP-2	0	F or -	100 or 160	f.e. 10 bar	

bottom = 0

with filling = F
without filling =

Case ND 100 = 100
Case ND 160 = 160

after rangespecification
or direkt 10 bar

for example
f.e. DIN-flange DN 50

Dimensionstable lock at data sheet M 590

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Modifications reserved

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
Higly suitable for extremly 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-20 100 F**	**KMP-20 160 F**
Connection	bottom			
Accuracy class	1,6, ranges under 600 mbar with filling only Kl. 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	Steel black	CrNi steel	
Bezel	CrNi steel	Steel black	CrNi steel	
Window	Polycarbonat			
Dial	Aluminium white, scale black			
Pointer	Aluminium, black			
Movement	Copper alloy ,bearing parts nickel silver			
Flangediameter	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 over magnet snap action contact and induktive contact see data sheets M 950 and 960				

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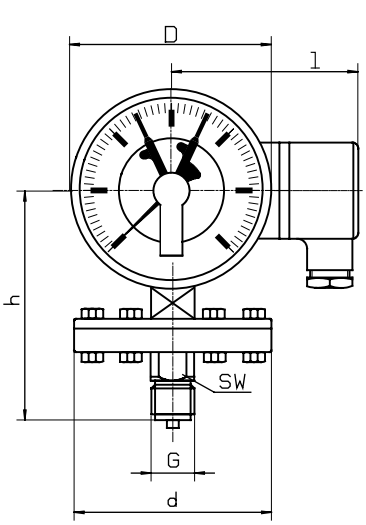
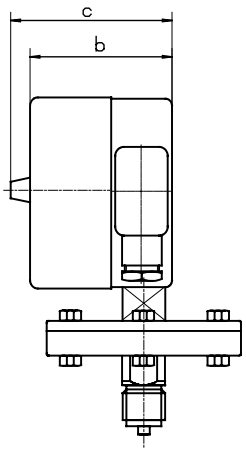
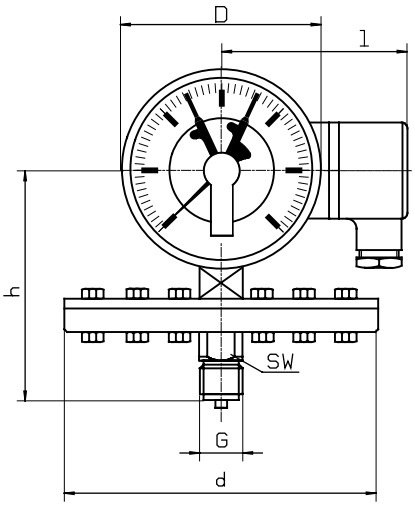
Dimensions

Flange 100 mm





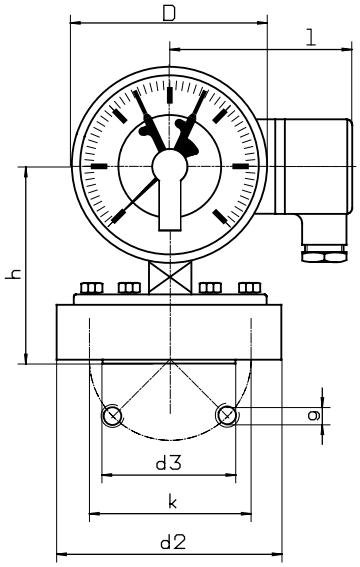
Flange 160 mm



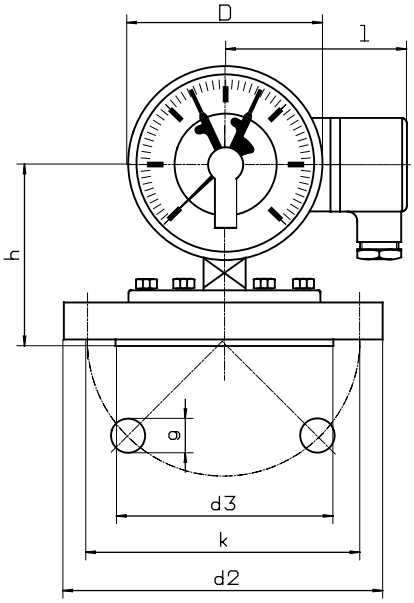
Flange according to DIN

Flange 100 mm

DN 25

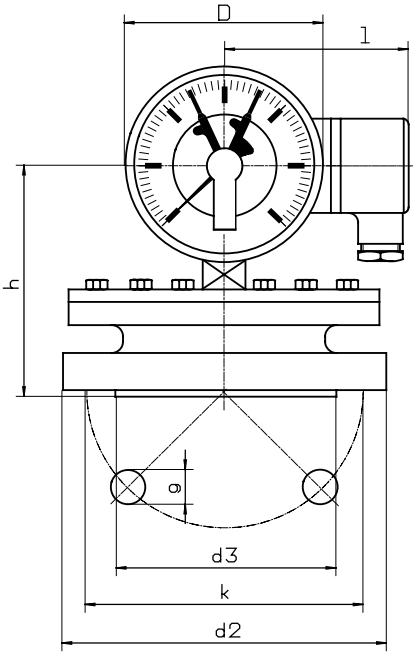


DN 50



Flange 160 mm

DN 50



Modelspecification

Model	Connection	Filling	Nominal size	Range	Options
KMP-2	0	F or -	100 or 160	f.e. 10 bar	f.e. M 12

bottom = 0

with filling = F
without filling =

Case ND 100 = 100
Case ND 160 = 160

Contact after specification

after rangespecification
or direkt 10 bar

Contact closes/opens

other versions
f.e.DIN flange DN 50

Dimensionstable lock at data sheet M 590

SUCHY MESSTECHNIK
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Modifications reserved

Pressure gauges with diaphragm
Stainless steel , with or without filling

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

according to DIN EN 837-3

Features
High resistance to overpressure
High corrosion resistance with chemically aggressive media and environments
Damping of the indicator by glycerine filling

Applications
Chemical and petrochemical industry
Food and beverage industry
Mechanical engineering ,plant and apparatus construction

Version			**with glycerin filling**	
Model and ND	**MP-30 100**	**MP-30 160**	**MP-30 100 F**	**MP-30 160 F**
Connection	bottom			
Accuracy class	1,6, Ranges < 400 mbar with glycerine filling 2,5			
Ranges in mbar	0...10, 16, 25, 40, 60, 100, 160, 250		0...40, 60, 100, 160, 250	
in bar	0...0,4, 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	Lamineted safety glass			
Dial	Aluminium white, scale black			
Pointer	Aluminium, black			
Movement	CrNi steel			
Flangediameter	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, CrNi steel			
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			

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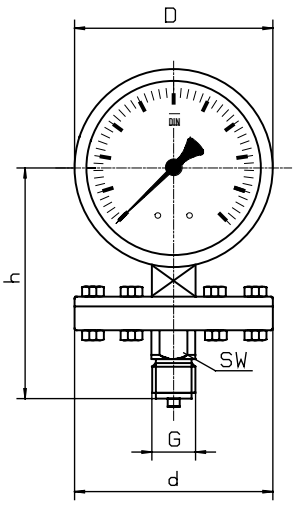
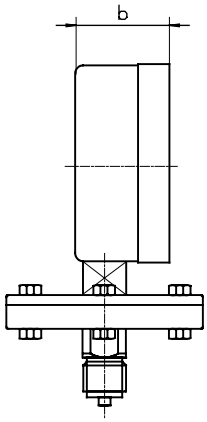
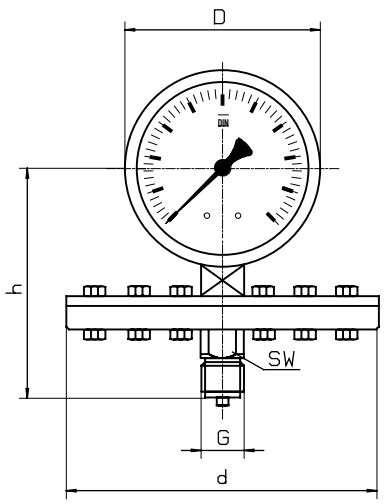
Dimensions

Flange 100 mm





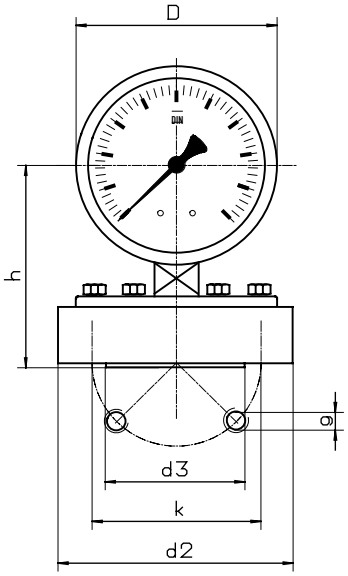
Flange 160 mm



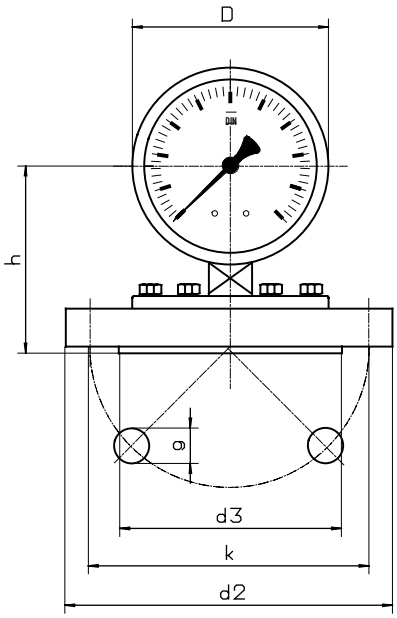
Flange according to DIN

Flange 100 mm

DN 25

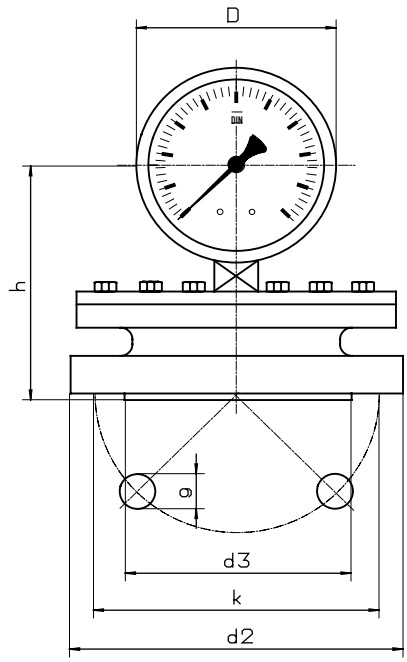


DN 50



Flange 160 mm

DN 50



Modelspecification

Model	Connection	Filling	Nominal size	Range	Options
MP-3	0	F or -	100 or 160	f.e. 10 bar	

bottom = 0

with filling = F
without filling =

Case ND 100 = 100
Case ND 160 = 160

after rangespecification
or direkt 10 bar

for example
z.B. DIN-Flansch DN 50

Dimensionstable lock at data sheet M 590

SUCHY MESSTECHNIK
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e-Mail:suchy@suchy-messtechnik.de

Modifications reserved

Contact pressure gauges with diaphragm
Stainless steel , 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
High corrosion resistance with chemically aggressive media and environments
Protection IP 65
Liquid dampening provides vibration free display

Applications
Chemical and petrochemical industry
Food and beverage industry
Mechanical engineering ,plant and apparatus construct
Reinigung ermöglichen.

Version			**with silicone oil filling**	
Model and ND	**KMP-30 100**	**KMP-30 160**	**KMP-30 100 F**	**KMP-30 160 F**
Connection	bottom			
Accuracy class	1,6, ranges under 600 mbar with filling only Kl. 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	Lamineted safety glass			
Dial	Aluminium white, scale black			
Pointer	Aluminium, black			
Movement	CrNi steel			
Flangediameter	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, CrNi steel			
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 nach EN 60529 / IEC 529	
Temperatures	Medium: -20°C to 100°C, Ambient: -25°C to 60°C			
Informations over magnet snap action contact and induktive contact see data sheets M 950 and 960				

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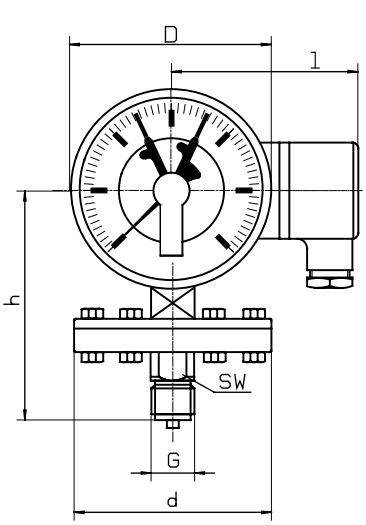
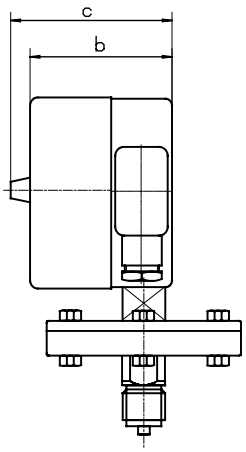
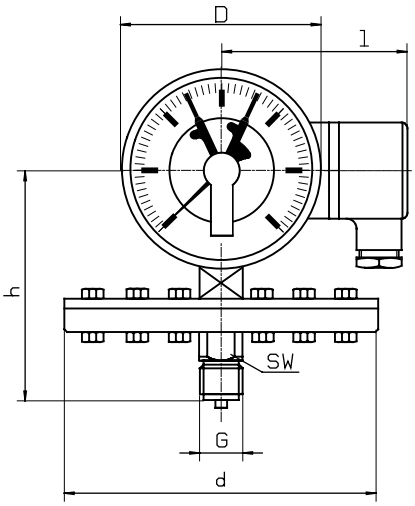
Dimensions

Flange 100 mm





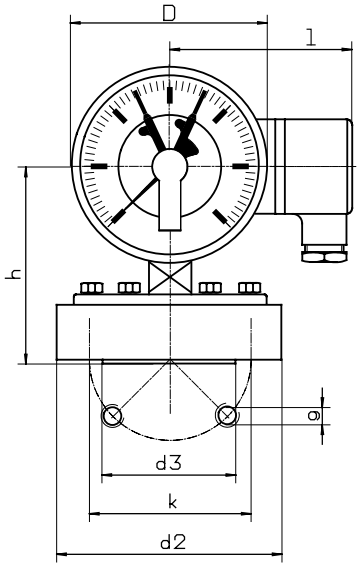
Flange 160 mm



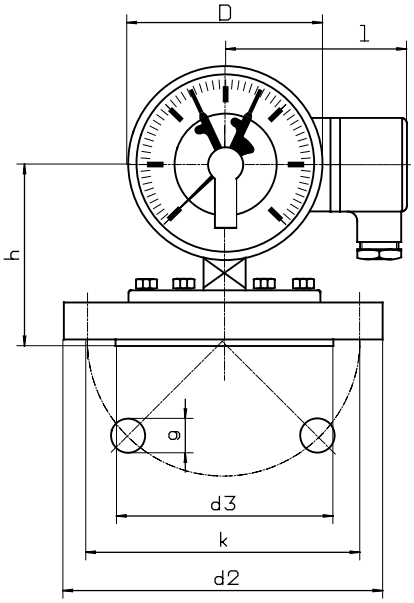
Flange according to DIN

Flange 100 mm

DN 25

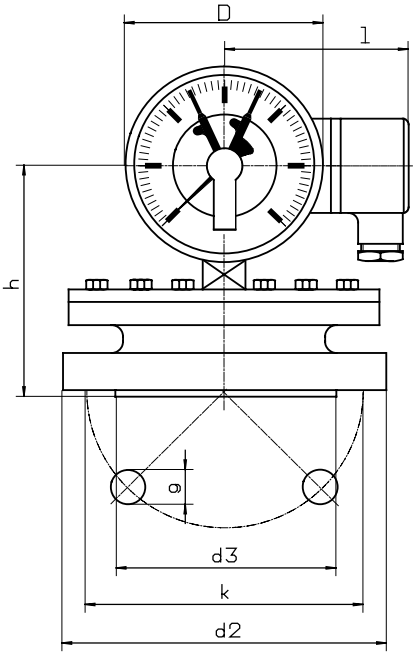


DN 50



Flange 160 mm

DN 50



Modelspecification

Model	Connection	Filling	Nominal size	Range	Options
KMP-3	0	F or -	100 or 160	f.e. 10 bar	f.e. M 12

bottom = 0

with filling = F
without filling =

Case ND 100 = 100
Case ND 160 = 160

Contact after specification

Contact closes/opens

other versions
f.e.DIN flange DN 50

after rangespecification
or direkt 10 bar

Dimensionstable lock at data sheet M 590

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Modifications reserved