

APPLICATIONS

- Clean Room Application
- Filtration Application
- Water Application

FEATURES

- Compact Design
- Static Pressure 100 bar
- Switch -Reed switch
- Dry / liquid filled

**DESCRIPTION****General**

Accuracy : ± 2 % of full scale -Ascending

Ambient temperature :

-40...+65°C [without dampening liquid]

-20...+65°C [with dampening liquid]

Service temperature : 200°C max.

Static pressure limits : 10 Bar

Material of construction

Sensing element : Ceramic Magnet

Case: AISI 304 SS

Ring material : NBR

Wetted Parts: AISI316SS, AISI 316L AL

Viton Diaphragm

Spring : AISI 302 SS

Chamber : AISI 316 SS

Fastener : AISI 304 SS

Dial : Aluminum, black graduation on white background

Pointer : Fixed Type, aluminum, black powder coated

Filling plug : NBR

Window : Plexi Glass

RUBBER DIAPHRAGM DIFFERENTIALPRESSURE GAUGE, TMC14-1**Standard version**

Dial size : DN63 / DN100 / DN150

Range : 0-75Mbar...0...4 bar

Mounting pattern : Bottom / Back / Inline Port

Process connection : 1/4" NPT (F) x 2 Nos.

Ingress protection : IP 65

Execution : Dry / Dry but fillable /Fillable

Filled versions

Glycerin

Accuracy : ± 4.0 % of full scale

Dampening liquid : Glycerin 99.7%

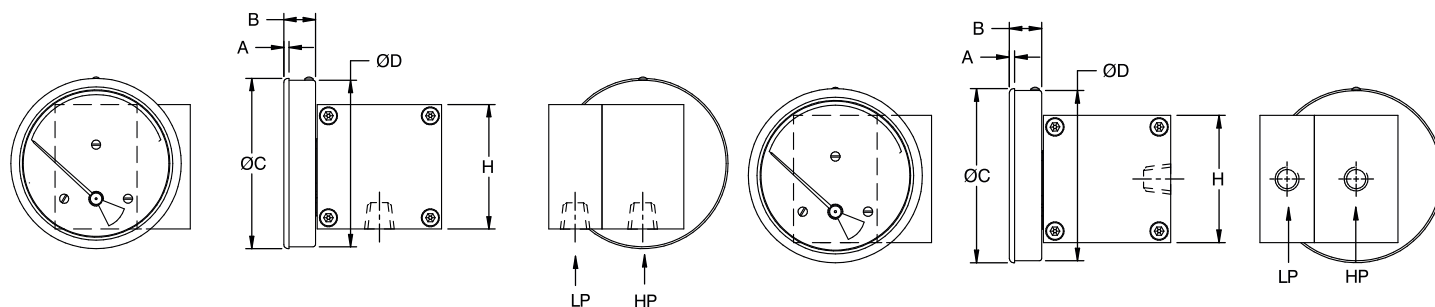
Electric Contact version

Accuracy : ± 4.0 % of full scale

Window : Plexi Glass

Switch : 1SPDT / 1 SPST

DIMENSIONAL DRAWING



DN	A	B	ØC	ØD	G	H	Weight (grams)
63	3.2	19.5	66.5	63	A/F-20	76	710
100	3.2	19.5	104	102	A/F-20	76	760
150	3.2	19.5	155.5	151.5	A/F-20	76	860

DN	A	B	ØC	ØD	E	H	Weight (grams)
63	2.4	18.6	66.5	63	A/F-20	50	700
100	3.2	19.5	104	102	A/F-20	50	750
150	3.2	19.5	155.5	151.5	A/F-20	50	850

NOTES:

1. Drawing not to scale. All dimensions are in mm.

ORDERING CODES

MODEL

TMC14-2 Rubber Diaphragm Differential Pressure Gauge

TMC14-2

DIAL SIZE

D2 2.5" / 63 mm **D4** 4" / 100 mm **D6** 6" / 150 mm

D4

MOUNTING

M1 Direct bottom **M14** - Direct Back **M11** Inline Type

M1

CONNECTION

P24 1/4" NPT (F) **P07** 1/2" BSP (M) **P08** 1/2" NPT (M)

P24

CASE FILLING

F1 Dry **F2** Dry but fillable **F3** Glycerin filled

F1

WETTED PARTS

S02 AISI 316 SS **S03** AISI 316L SS **S04** AL

S02

INGRESS PROTECTION

I1 IP 65

I1

RANGE

0-1 bar Please mention range required with the measurement unit
[TMC offer in all types of National & International measurement units, e.g. kg/cm², psi, kPa, etc. with single or dual scales]

0.25 mbar

ELECTRIC CONTACT

N13 1 SPDT **N23** 1 SPST **N24** 2 SPDT

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OTHER OPTIONS

E16 5 - point calibration certificate **E31** Custom designed dial **E32** Dial tag marking
E17 Material test certificate 3.1 **E21** Material test certificate 2.2 **E27** SS tag plate, AISI 304 SS

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Ordering Example : TMC14-2D4.M1.P24.F1.S02.I1/0-0.25 mbar



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