MTR Process control gauges

Ø 40 mm - Ø 50 mm
Process control gauge
From 0 + 2 bar (0 + 30 psi) to 0 + 11 bar (0 + 160 psi)
in 4 ranges
Triple graduations :
Bar, kg/cm² : black
psi : red

Model MTR process control gauge is convenient for measuring the relative pressure of all liquid or gaseous fluids up to 160 psi. It can be used on pneumatic valves, level controllers or transmitters, pressure regulators.

Specifications (20°C)

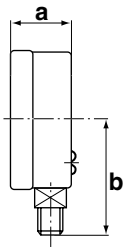
Ranges

bar or kg/cm²			psi		
0	+	2	0	+	30
0	+	4	0	+	60
0	+	7	0	+	100
0	+	11	0	+	160

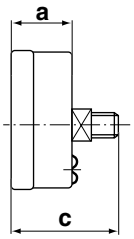
Standard accuracy	± 1.6% full scale.
Standard degree protection	IP 32 according to NF EN 60 529.
Sensing element	BOURDON tube.
Parts in contact with fluid	Sensing element : cupreous metals Connection : Nickel plated brass Tube connection assembly : Tin-soldered.
Operating temperature	Process fluide temperature : + 80°C Ambient temperature : - 40°C to + 60° C (-40° F to + 140 °F).
Connection assembly	14 mm square, 1/8 NPT or NPT threads.
Case and bezelring	Stainless steel. Bezelring crimped onto case.
Movement	Brass
Window	Glass
Dial	Aluminium alloy, red and black graduations on white background.

Baumer

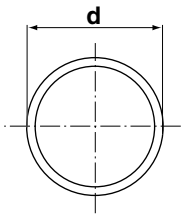
Dimensions (mm)



Type D



Type F



All dimensions in mm

Dimensions	a	b	c	d
40	29	41	44	43
50	29	45	45	53

Type	Weight (grammes)	
Ø	D	F
40	75	70
50	90	90

Codification - MTR

		MTRxxx0Bxx
Family	**1´ digit**	
Pressure gauges		M
Type	**2´...3´ digit**	
MTR		TR
Dial diameter	**4´ digit**	
Ø 40 mm		1
Ø 50 mm		2
Type of mounting	**5´ digit**	
bottom connection		D
back connection		F
Hydraulic connection	**6´ digit**	
1/4 NPT		5
1/8 NPT		4
Type of liquid filling	**7´ digit**	
Without filling		0
Unit of measurement ranges	**8´ digit**	
bar		B
kg/cm^2		F
psi		H
Pressure range	**9´...10´ digit**	
See codes in table		xx

code	Ranges **bar**	Ranges **psi**
17	0 + 2	0 + 30
19	0 + 4	0 + 60
21	0 + 7	0 + 100
94	0 + 11	0 + 160