18-013-...
Gauge
1/8" & 1/4"

Monitor pressures in compressed air systems for optimum efficiency

The gauges are manufactured & calibrated to maintain accuracy within ASME B40.1 specifications for the published process/ ambient -40 ... +65°C (-40 ... +150°F) temperature limits. Reference temperature is +23°C ±1°C (approx +73°F ± 2°F) as per Section 6.2.1. Calibration procedure & accuracy of the gauges is determined by Section 6.2.4 & Table 1.

Wide temperature range

Shock and vibration tested to EN 61373, Category 1, class A and B

Technical features

Medium:
Compressed air, oil and gases or liquids which do not corrode copper alloys

Port connections:
Rc 1/8, 1/8 NPT, 1/4 NPTF

Ambient temperature:
-40 ... +65°C (-40 ... +150°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F)

Materials:
Body: steel
Face: plastic
Movements: copper/brass

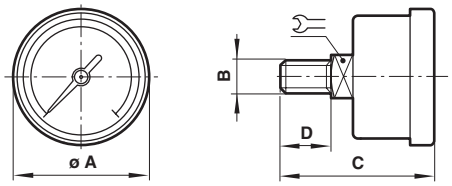
Technical data

Port size	Diameter	Pressure range	Face	Model
R1/8	40 mm	0 ... 10 bar	White, black & red lettering	18-013-989
R1/8	50 mm	0 ... 10 bar	White, black & red lettering	18-013-013
1/8 PTF	1 1/2"	0 ... 160 psi	Black, red & white lettering	18-013-212
1/4 PTF	2"	0 ... 160 psi	Black, red & white lettering	18-013-209

Dimensions

Dimensions shown in mm
Projection/First angle

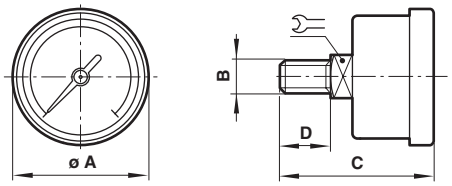
Gauge – metric, white face



Ø A	B	C	D		Model
40	R1/8	44	10	14	18-013-989
50	R1/8	48	14	14	18-013-013

Dimensions shown in inch
Projection/First angle

Gauge – inch, black face



Ø A	B	C	D		Model
1 1/2	1/8 PTF	1.60	0.97	.43	18-013-212
2	1/4 PTF	1.73	1.03	.55	18-013-209

Warning

These products are intended for use in industrial compressed air and rail transport systems only. Do not use these products where pressures and temperatures can exceed those listed under 'Technical features'.
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.