PRESSURE/VACUUM GAUGES

HOW TO ORDER

K (Z) (A) (50) (P) – (MP) (1.0) (C) – (N) (02) (MS) – (L)

MEASUREMENT
NIL–PRESSURE
Z–VACUUM

THREAD LOCATION
NIL–BACK MOUNT
A–BOTTOM MOUNT
B–LEFT SIDE MOUNT
C–TOP MOUNT
D–RIGHT SIDE MOUNT

CASE SIZE
27–1" (27mm)
40–1 1/2" (40mm)
50–2" (50mm)
FOR LARGER SIZES, CONSULT FACTORY

CASE/THREAD MATERIAL
(FOR K27, CASE & THREAD MATERIAL ARE SPECIFIED BY THE THREAD MATERIAL)
NIL–ABS/BRASS
A–POLYAMID/POLYAMID (K27 ONLY)
N–STAINLESS STEEL/Ni PLATED BRASS (N/A K40)
P–PAINTED STEEL/BRASS (N/A K27)
S–STAINLESS STEEL/STAINLESS STEEL (N/A K27)

PRESSURE UNITS

PRESSURE ONLY	VACUUM ONLY	PRESSURE & VACUUM (COMPOUND GAUGE)
NIL–MPa	NIL–NO PRESSURE UNITS	B–bar
B–bar		K–KPa
K–KPa		M–MPa
M–MPa		P–psi
P–psi		

SCALE
NIL–VACUUM ONLY
0.1–0.1 MPa (15 psi)
0.2–0.2 MPa (30 psi)
0.4–0.4 MPa (60 psi)
0.7–0.7 MPa (100 psi)
1.0–1.0 MPa (160 psi)
1.5–1.5 MPa (225 psi)
2.0–2.0 MPa (300 psi)

VACUUM UNITS
NIL–NOT A VACUUM GAUGE
A–mmHg
C–inHg

THREAD TYPE
NIL–R(PT)
N–NPT

THREAD SIZE
01–1/8
02–1/4

THREAD OPTION
M–M5 FEMALE THREAD (STANDARD)
S–SEALANT (STANDARD)

AUXILLARY OPTION
NIL–NO OPTION
B–O² CLEAN/NO OIL
C–PANEL MOUNT
C1–PANEL MOUNT W/POLISHED SS RING ON ABS CASE
C2–PANEL MOUNT WITH ADAPTER RING
L–LIQUID FILLED
M–MARK POINTER
R–RESTRICTOR (.012" DIA)
S–SAN CONVEX LENS
W–WASHDOWN (METAL CASE ONLY)

NIL = COMBINATION NOT POSSIBLE
X = COMBINATION POSSIBLE
(CONSULT FACTORY FOR MIN ORDER QTY AND DELIVERY)

COMBINATION TABLE

		THREAD LOCATION				CASE SIZE			CASE/THREAD MATERIAL				UNITS				SCALE							VACUUM UNITS		THREAD TYPE		THREAD SIZE		THREAD OPTION		AUXILLARY OPTION								
		A	B	C	D	27	40	50	A	N	P	S	B	K	M	P	0.1	0.2	0.4	0.7	1.0	1.5	2.0	A	C	NIL	N	01	02	M	S	B	C	C1	C2	L	M	R	S	W
THREAD LOCATION	A						X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
	B						X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
	C						X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
	D						X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
CASE SIZE	27								X	X			X	X	X	X		X	X	X	X	X	X			X	X	X		X	X	X						X		
	40	X	X	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
	50	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CASE/THREAD MATERIAL	A					X							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X					X			
	N	X	X	X	X	X		X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
	P	X	X	X	X		X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X
	S	X	X	X	X		X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
UNITS	B	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	K	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	M	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	P	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SCALE	0.1	X	X	X	X		X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0.2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0.4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0.7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	1.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	1.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	2.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
VACUUM UNITS	A	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
THREAD TYPE	NIL	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X
	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X
THREAD SIZE	01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X
	02	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X
THREAD OPTION	M	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X		X	X
	S	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X
AUXILLARY OPTION	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			X	X	
	C						X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X		X
	C1						X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		X		
	C2							X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X		X		X
	L	X	X	X	X		X	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X		
	M	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X					X		
	R	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X
	S	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X		
	W	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X			X		

Important delivery information:
Part numbers derived from this page are made to order and will have longer lead–times up to 14 weeks. If short delivery is required, SMC recommends choosing a standard stocked part number from the preceeding page. Consult factory for current lead–times of specific part numbers.