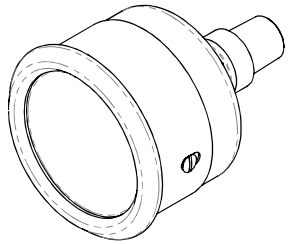
EDMDOC-000375

REV.	ZONE	ECO	DESCRIPTION	DATE	BY

PRESSURE / VACUUM GAUGES



HOW TO ORDER

KZA50P-MP1.0C-N02MS-L

SYMBOL	MEASUREMENT
NIL	PRESSURE
Z	VACUUM

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

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

SYMBOL	CASE / THREAD MATERIAL
NIL	ABS / BRASS (N/A K27)
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)
FOR K27, CASE & THREAD MATERIAL ARE SPECIFIED BY THE THREAD MATERIAL	

SYMBOL	PRESSURE ONLY	VACUUM ONLY	PRESSURE & VACUUM (COMPOUND GAUGE)
NIL	MPa	-	-
B	BAR	-	BAR
K	KPa	-	KPa
M	MPa	-	MPa
P	PSI	-	PSI

SYMBOL	THREAD SIZE
01	1/8
02	1/4

SYMBOL	THREAD TYPE
NIL	R (PT)
N	NPT

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

SYMBOL	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

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

SYMBOL	AUXILIARY OPTION
NIL	-
B	O² CLEAN / NO OIL
C	PANEL MOUNT U-CLAMP
C1	PANEL MOUNT 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)

SHEET 1 OF 2

UNITS: mm		SCALE: FREE	SMC Corporation of America
DRAWN BY: WESLEY M GEE		DATE: 04/30/2025	
APPROVED BY: REFER TO EDM SYSTEM			DESCRIPTION: K GAUGE CONFIGURATION
PRINTED DOCUMENTS ARE UNCONTROLLED. REFER TO EDM SYSTEM FOR CONTROLLED DOCUMENT			PART NUMBER: K 27 40 50
DRAWING FILE NAME: DOC-00103593	SIZE: B		SHEET 1 OF 2
			REVISION: 0

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REFERENCE NUMBER:

- = COMBINATION NOT POSSIBLE
X = COMBINATION POSSIBLE

COMBINATION TABLE		THREAD LOCATION				CASE SIZE			CASE / THREAD MATERIAL				UNITS				SCALE							VACUUM UNITS		THREAD TYPE	THREAD SIZE		THREAD OPTION		AUXILIARY 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	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
	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
	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
	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
CASE SIZE	27	-	-	-	-	-	-	-	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
	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
CASE / THREAD MATERIAL	A	-	-	-	-	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
	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
	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
	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
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
	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
	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
	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
	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
	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
	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
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
	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
THREAD TYPE	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
	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
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
	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
AUXILIARY 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	-
	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	-	-
	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
	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	-	-
	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	-	-
	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
	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	-	-
	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	-	-

IMPORTANT DELIVERY INFORMATION:
CONSULT FACTORY FOR MIN ORDER QTY AND DELIVERY
PART NUMBERS DERIVED FROM THIS PAGE ARE MADE TO ORDER AND WILL HAVE LONGER LEAD-TIMES UP TO 14 WEEKS.
CONSULT FACTORY FOR CURRENT LEAD-TIMES OF SPECIFIC PART NUMBERS.

PART NUMBER	SHEET 2 OF 2	REVISION
K 27 40 50		0