

HOW TO ORDER

B6M – Normally Closed

The example shows a 12QWJ2-ENBNT-7143 which may be described in words as:

A 12mm (1/2" ports), Q series coil, Pilot operated diaphragm with inline ports, design series 2, normally closed, No approvals, Forged brass, Nitrile seals, RC (BSPT) inlet and outlet threads, NEMA 1 enclosure, 240V 50Hz coil.

col 1	col 2	col 3	col 4	col 5	col 6	col 7	col 8	col 9	col 10	col 11
2	B6M	-	E	N	B	N	T	-	61	43

Col 1

Nominal Size	Description
1	1.5 mm orifice
2	2.3 mm orifice
4	3.2 mm orifice
5	4.7 mm orifice
6	6.3 mm orifice

Col 2

Valve Series	B6M
Description	Q coil, 1/4" ported direct lift type valve

Col 3 and Col 9

Dash Delimiter

Col 4

Key Design Feature	Description
A	AC or DC normally closed

Col 5

Approvals	Description
N	No approval
1	Class 1 AGA approved gas valve
3	Class 3 AGA approved gas valve
D	UL listed - safety shutoff
E	UL registered component - general purpose
F	UL registered component - safety shutoff
W	WaterMark

Col 6

Body Material	Description
A	Aluminium
B	Brass
H	Acetal
J	Nylon 6
K	Nylon 66
L	ABS
M	Polysulphone
N	Electroless nickel plated brass
S	Stainless steel

Col 7

Seal materials	Description
N	Nitrile
E	EPDM
V	FMK
R	Neoprene

Col 8

Port threads	Description
T	RC (BSPT)
A	NPT
P	RP (BSPP)

Col 11

Coil/Enclosure	Enclosure	Electrical connections	Conduit Thd.
61	NEMA 1	Screw terminals	M20 x 1.5
62	NEMA 1	Screw terminals	1/2" NPSC
67	NEMA 1	Flying leads	M20 x 1.5
68	NEMA 1	Flying leads	1/2" NPSC
63	Open C frame	Screw terminals	
64	Open C frame	Flying leads	
66	Open C frame	2 core cable	
60	Raintight	Standard DIN socket	Cable gland
6A	Raintight	Less DIN socket	Cable gland

Col 12

Coil Voltage	Description
51	220V/50Hz, 240V/60Hz, 8 watts, continuously rated
81	110V/50Hz, 120V/60Hz, 9 watts, continuously rated
43	240V/50Hz, 9 watts, continuously rated
27	24VDC, 15 watts, continuously rated
D7	12VDC, 15 watts, continuously rated

Spare Parts Kit

Valve Model	Seal Material		
	Nitrile	FMK	EPDM
B6M - AC	KM1349	KM1350	KM1408
B6M - DC	KM2447	KM2448	KM2449