

Codification of AKO Air operated Pinch Valves

VMC / VMCE Series



Example Article code: (Internal thread)

VMC 50. 02X. 50 G. 30 LX
 | | | | | | |
1 2 3 4 5 6 7

Example Article code: (Threaded spigot)

VMCE 20. 04HTEC KE. 50RM .50
 | | | | | |
1 2 3 4 5 6

1. Series: **VMC** = Standard type
VMCE = Aseptic and hygienic pinch valves
VMCX = Pinch Valves for use in potentially explosive zones

2. Diameter: millimetre (mm)

3. Sleeve quality:

| | |
|--|-------------------------------|
| 01X = CR (neoprene) | 04LW = EPDM food pale |
| 02X = NR (natural rubber) food quality | 05 = FPM / FKM (viton) |
| 03X = NR anti-abrasive | 06 = Silicone |
| 03LF = NR conductive | 07X = NBR (nitrile) |
| 03H = NR high temp. | 07LS = NBR food black |
| 04HTEC = EPDM / EPDM food black | 07LW = NBR food pale |
| 04HTECE = EPDM EHEDG conform | 07LF = NBR conductive |
| 04HTECLF = EPDM conductive / EPDM food black conductive | 08X = CSM (hypalon) |
| | 09X = IIR (butyle) |

Variations with appendix:
K = Short length for pinch valves DN10-25
E = EHEDG conform
SF = Silicone-free sleeves

4. Connection material: socket end cover, body

31 = Aluminium with steel bushing
50 = Stainless steel 1.4404 (AISI 316L)
71 = POM-C injection molded (white)
73 = POM-C injection molded (black conductive) < 10⁶ Ohm

5. Connection option:

F = Flange connection according to DIN EN 1092-1, PN10/16
FA = Flange connection according to ANSI B16.5-150lbs
G = Internal Thread Connection according to DIN EN ISO 228 (G)
M = Threaded spigot according to DIN 11851
N = Internal Thread Connection according to ANSI/ASME B1.20.1 (NPT)
R = Weld-on ends according to DIN 11850 row 2
RA = Weld-on ends according to ASTM A554
RF = Flange according to DIN 11853-2 (BF) / DIN 11864-2 Form A (BF)
RM = Threaded spigot according to DIN 11853-1 (GS)
RT = Tri-Clamp according to DIN 11853-3 (BKS)
T = Tri-Clamp according to DIN 32676
TA = Tri-Clamp according to DIN 32676 row C (Tri-Clamp)
 Various connection combinations are possible e.g. **G/F** = internal thread- / flange connection

6. Body material:

| | |
|---|--|
| 50 = Stainless steel 1.4408 (AISI 316) | DN10-15: 71 = POM-C injection molded (white) |
| 30 = Aluminium AISi10Mg | DN10-15: 72 = POM-C injection molded (black) |
| | DN10-15: 73 = POM-C injection molded (black conductive) |

7. Color (alike): **LX** = White aluminum RAL 9006, powder coated

Technical details subject to change without notice.



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