

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) < 10⁻⁶ 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

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