Codification of AKO Air operated Pinch Valves

VMC / VMCE Series

**Example Article code:**

(Internal thread)

```
VMC  50. 02X. 50 G. 30 LX
```

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**Example Article code:**

( Threaded spigot )

```
VMCE  20. 04HTEC KE. 50RM .50
```

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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)
- **02X** = NR (natural rubber) food quality
- **03X** = NR anti-abrasive
- **03LF** = NR conductive
- **03H** = NR high temp.
- **04HTEC** = EPDM / EPDM food black
- **04HTECE** = EPDM EHEDG conform
- **04HTECLF** = EPDM conductive /
  EPDM food black conductive
- **05** = FPM / FKM (viton)
- **06** = Silicone
- **07X** = NBR (nitrile)
- **07LS** = NBR food black
- **07LW** = NBR food pale
- **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:**

- **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 EN 10357 series A
- **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)
- **30** = Aluminium AlSi10Mg
- **DN10-15: 71** = POM-C injection molded (white)
- **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