Codification of AKO Pinch Valves

Example Article code:

**(flange standard)**

\[VF\ 100\  .\ 03X\  .\ 332\  .\ 30\ G\ LA\ D\]

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

**Example Article code:**

**(socket type)**

\[VMF\ 032\  .\ 03X\  .\ 70\  .\ 30\ LA\]

| 1 | 2 | 3 | 4 | 5 | 6 |

1. **Series:**
   - **VF** = flange variation (oval shaped body, flanges 31,33,35,33xFFLM)
   - **VA** = flange variation (stainless steel design)
   - **VT** = tanker flange variation
   - **VM** = socket type
   - **VMF** = socket type (oval shaped body)
   
   Variations with appendix X (e.g. VFX) are standing for variation for Ex-areas.

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
   - 04HTECLF = EPDM conductive / EPDM food black conductive
   - 04LW = EPDM food pale
   
   Variations with appendix : **SF** = silicone-free sleeves

4. **Connection material:**
   - **Flange resp. socket**
   - 10 = steel
   - 20 = cast iron
   - 30 = aluminium
   - 30xx* = aluminium w/ flange sleeve (V)
   - 3050 = aluminium w/ stainl. steel bushing (V)
   - 3070 = aluminium w/ POM bushing (V)
   - 31 = aluminium w/ steel bushing (VF/VT)
   - 33 = aluminium (VF/VT)

5. **Flange sleeve quality:**
   - 1 = CR (neoprene)
   - 2 = NR (natural rubber) food white
   - 2LS = NR food black
   - 3 = NR anti-abrasive
   - 3H = NR high temperature
   - 4 = EPDM
   - 4LW = EPDM food pale

6. **Body material:**
   - 10 = steel
   - 30 = aluminium
   - 50 = stainless steel (AISI 316)

7. **Special variation:**
   - **A** = ANSI -flange bored
   - **G** = flange with internal thread

8. **Colour (alike):**
   - **LA** = white RAL9010
   - **LB** = red RAL3020*
   - **LC** = blue RAL5005*

   * The colours LB, LC, LX, etc. are no standard. Prices on request.

9. **Special variation:**
   - **D** = second air connection
   - **ON** = without air connection reduction fitting

**Note:** Aluminium pinch valves with sleeves supplied in food-safe quality have built-in Class A2 stainless steel screws in combination with stainless steel bushings and/or flange sleeves in food-safe quality.