

## Codification of AKO VMC Pinch Valves

Code-No.: Example (standard internal thread):

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

**1. Type:**                    **VMC** = Standard type  
**VMCX** = Pinch Valves for use in potentially explosive zones (1, 2, 21, 22)

**2. Diameter:**             millimetre (mm)

**3. Sleeve qualities:**     (for DN 10 – 25mm)

<b>01XK</b> = CR (neoprene) <b>02XK</b> = natural rubber food quality <b>03XK</b> = natural rubber anti-abrasive <b>03LFK</b> = natural rubber conductive <b>03HK</b> = natural rubber high temp. <b>04K</b> = EPDM <b>04LSK</b> = EPDM food black <b>04LSLFK</b> = EPDM food black conductive <b>04LWK</b> = EPDM food pale	<b>04LFK</b> = EPDM conductive <b>05</b> = viton <b>07XK</b> = nitrile <b>07LSK</b> = nitrile food black <b>07LWK</b> = nitrile food pale <b>07LFK</b> = nitrile conductive <b>08XK</b> = CSM (hypalon) <b>09XK</b> = butyle
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(for DN 32 – 50mm)

<b>01X</b> = neoprene <b>02X</b> = natural rubber food quality <b>03X</b> = natural rubber anti-abrasive <b>03LF</b> = natural rubber conductive <b>04</b> = EPDM <b>04HTEC</b> = EPDM food black <b>04HTECLF</b> = EPDM food black conductive <b>04LS</b> = EPDM food black <b>04LSLF</b> = EPDM food black conductive	<b>04LW</b> = EPDM food pale <b>04LF</b> = EPDM conductive <b>07X</b> = nitrile <b>07LS</b> = nitrile food black <b>7LW</b> = nitrile food pale <b>07LF</b> = nitrile conductive <b>08X</b> = hypalon <b>09X</b> = butyle
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Variations with appendix LF (e.g. 03LF) are standing for conductive sleeves (< 10<sup>6</sup> Ohm).  
 Variations with appendix SF (e.g. 03SF) are standing for silicone-free sleeves.

**4. Connection materials:** **50** = Stainless steel 1.4404 (AISI 316L)  
**socket end covers,** **71** = POM-C injection molded (white)  
**bodies** **73** = POM-C injection molded (black conductive) < 10<sup>6</sup> Ohm)

**5. Connection type:** **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  
**T** = Tri-Clamp according to DIN 32676  
 Various connection combinations are possible e.g. **G/F** = internal thread- / flange connection

**6. Body materials:** **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. Colour:** **LX** = White aluminium RAL 9006