

Codification of AKO pinch valves

Code-No.: **Example (flange standard):**
 VF 100 . 03X . 332 . 30 G LA D
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 1 2 3 4 5 6 7 8 9

Code-No.: **Example (socket type):**
 VMF 032 . 03X . 70 . 30 LA
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 1 2 3 4 6 8

1. Type / Variation:

- V** = flange variation (flanges 10,20,30,3050,30xxFLM)
- 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. VX) are standing for variation for Ex-areas.

2. Diameter: millimetre (mm)

3. Sleeve qualities:

<ul style="list-style-type: none"> 01XX = CR (neoprene) 02XX = NR (natural rubber) food quality 03XX = NR anti-abrasive 03LFX = NR conductive 03HK = NR high temp. 04HTECK = EPDM / EPDM food black 04HTECKLF = EPDM conductive / EPDM food black conductive 	<ul style="list-style-type: none"> 04LWK = EPDM food pale 05K = FPM / FKM (viton) 07XK = NBR (nitrile) 07LSK = NBR food black 07LWK = NBR food pale 07LFX = NBR conductive 08XK = CSM (hypalon) 09XK = IIR (butyle)
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Variations with appendix LF (e.g. 03LF) are standing for conductive sleeves (< 10⁶ Ohm).
 Variations with appendix SF (e.g. 03SF) are standing for silicone-free sleeves.

4. Connection material:

<p>Flanges resp. sockets</p> <ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> 33x* = aluminium for flange sleeve (VF) 35 = aluminium with stainl. steel bushing (VF) 50 = stainless steel (AISI 316) 70 = POM 75 = PVDF 80 = PVC 85 = PP 90 = brass
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5. Flange sleeve quality:

<ul style="list-style-type: none"> 1 = CR (neoprene) 2 = NR (natural rubber) food white 2LS = NR food black 3 = NR anti-abrasive 3H = NR high temperature 4 = EPDM 4LS = EPDM food black 4LW = EPDM food pale 	<ul style="list-style-type: none"> 5 = FPM / FKM (viton) 6 = silicone 7 = NBR (nitrile) 7LS = NBR food black 7LW = NBR food pale 8 = CSM (hypalon) 9 = IIR (butyle)
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6. Body materials:

<ul style="list-style-type: none"> 10 = steel 30 = aluminium 50 = stainless steel (AISI 316) 	<ul style="list-style-type: none"> 70 = POM 80 = PVC 90 = brass
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7. Special variations:

- A** = ANSI -flange bored
- G** = flange with internal thread

8. Colours (alike):

<ul style="list-style-type: none"> LA = white RAL9010 LB = red RAL3020 LC = blue RAL5005 	<ul style="list-style-type: none"> LX = white aluminium RAL9006 L+RAL = special colours (e.g. L7031 blue grey)
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9. Special variations:

<ul style="list-style-type: none"> D = second air connection ON = without air connection reduction fitting 	<ul style="list-style-type: none"> A2 = stainless steel valves screw
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Technical details subject to change without notice.



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