

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:

01XX	= CR (neoprene)	04LWK	= EPDM food pale
02XX	= NR (natural rubber) food quality	05K	= FPM / FKM (viton)
03XX	= NR anti-abrasive	07XK	= NBR (nitrile)
03LFX	= NR conductive	07LSK	= NBR food black
03HK	= NR high temp.	07LWK	= NBR food pale
04HTECK	= EPDM / EPDM food black	07LFX	= NBR conductive
04HTECKLF	= EPDM conductive / EPDM food black conductive	08XK	= CSM (hypalon)
		09XK	= IIR (butyle)

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: Flanges resp. sockets

10	= steel	33x*	= aluminium for flange sleeve (VF)
20	= cast iron	35	= aluminium with stainl. steel bushing (VF)
30	= aluminium	50	= stainless steel (AISI 316)
30xx*	= aluminium w/ flange sleeve (V)	70	= POM
3050	= aluminium w/ stainl. steel bushing (V)	75	= PVDF
3070	= aluminium w/ POM bushing (V)	80	= PVC
31	= aluminium w/ steel bushing (VF/VT)	85	= PP
33	= aluminium (VF/VT)	90	= brass

5. Flange sleeve quality:

1	= CR (neoprene)	5	= FPM / FKM (viton)
2	= NR (natural rubber) food white	6	= silicone
2LS	= NR food black	7	= NBR (nitrile)
3	= NR anti-abrasive	7LS	= NBR food black
3H	= NR high temperature	7LW	= NBR food pale
4	= EPDM	8	= CSM (hypalon)
4LS	= EPDM food black	9	= IIR (butyle)
4LW	= EPDM food pale		

6. Body materials:

10	= steel	70	= POM
30	= aluminium	80	= PVC
50	= stainless steel (AISI 316)	90	= brass

7. Special variations:

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

8. Colours (alike):

LA	= white RAL9010	LX	= white aluminium RAL9006
LB	= red RAL3020	L+RAL	= special colours (e.g. L7031 blue grey)
LC	= blue RAL5005		

9. Special variations:

D	= second air connection	A2	= stainless steel valves screw
ON	= without air connection reduction fitting		

Technical details subject to change without notice.

