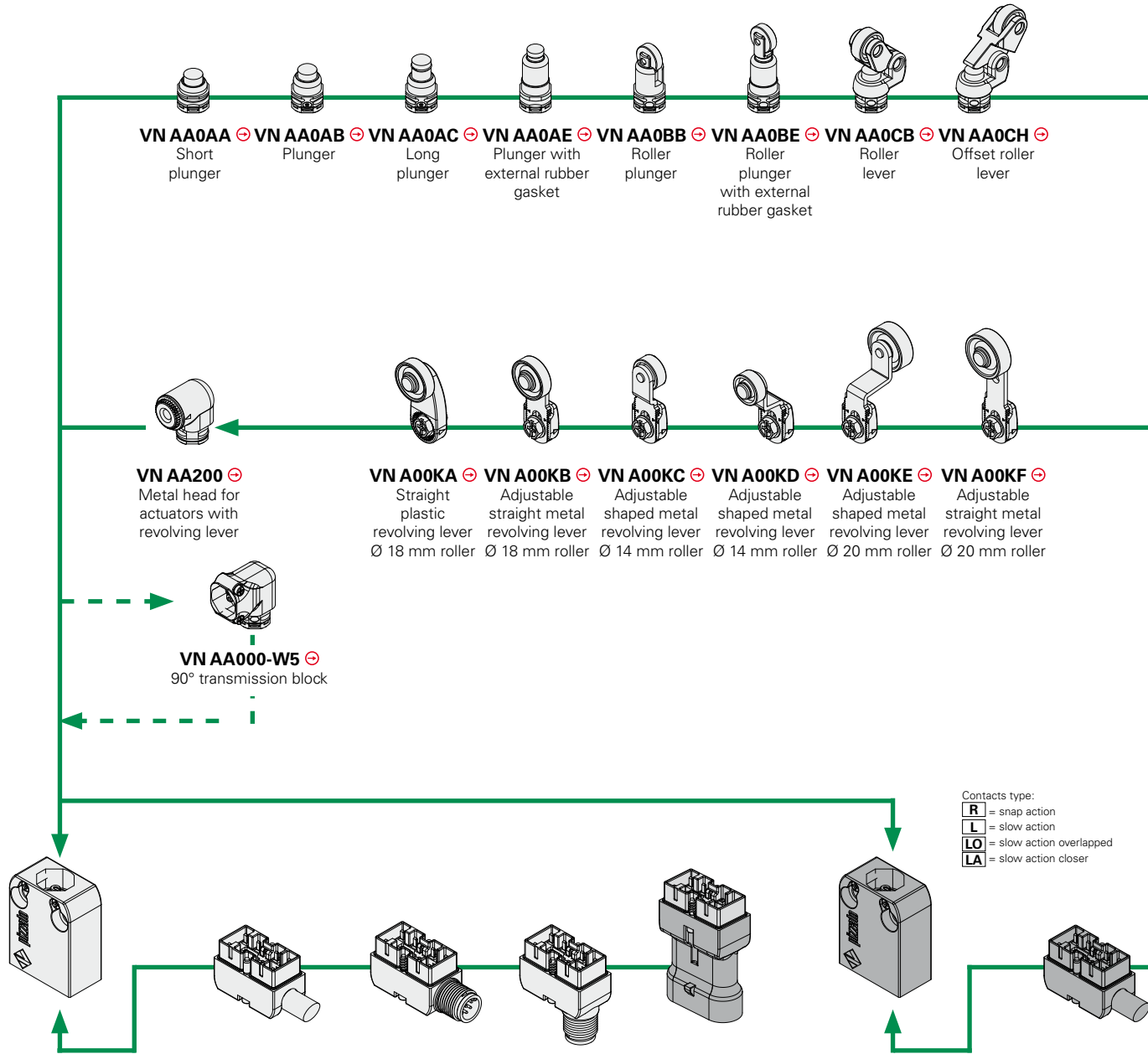


Selection diagram for articles NA - NB - NF series sold separately


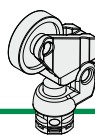
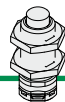



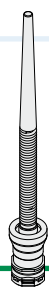
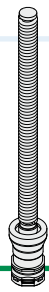



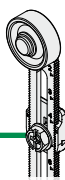
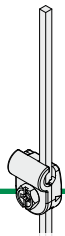
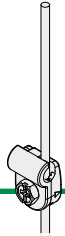
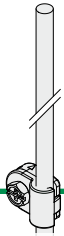
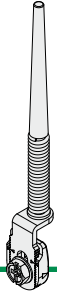



METAL housing NA 20 mm holes interaxes	Metal connector with cable cable length(m)	M12 metal connector from right	M12 metal connector from bottom,	AMP type polymer connector from bottom	POLYMER housing NF 20 mm holes interaxes	Polymer connectors with cable cable length(m)
NA B11000 ⊕ 1NO+1NC R	VN CM11DN2 2		VN CM11SMK	VN CM11SAK	NF B11000 ⊕ 1NO+1NC R	VN CP11DN2 2
NA G11000 ⊕ 1NO+1NC L		VN CM11DMK			NF G11000 ⊕ 1NO+1NC L	
NA L11000 ⊕ 1NO+1NC LA	VN CM11DN5 5		VN CM12SMK		NF L11000 ⊕ 1NO+1NC LA	VN CP11DN5 5
NA H11000 ⊕ 1NO+1NC LO					NF H11000 ⊕ 1NO+1NC LO	
NA B02000 ⊕ 2NC R	VN CM02DN2 2		VN CM02SMK	VN CM02SAK	NF B02000 ⊕ 2NC R	VN CP02DN2 2
NA G02000 ⊕ 2NC L	VN CM02DN5 5		VN CM20SMK	VN CM20SAK	NF G02000 ⊕ 2NC L	VN CP02DN5 5
NA B20000 ⊕ 2NO R	/	VN CM20DMK			NF B20000 ⊕ 2NO R	/
NA G20000 ⊕ 2NO L	/		VN CM12SMK		NF G20000 ⊕ 2NO L	/
NA B12000 ⊕ 1NO+2NC R	VN CM12DN2 2				NF B12000 ⊕ 1NO+2NC R	VN CP12DN2 2
NA G12000 ⊕ 1NO+2NC L		VN CM12DMK			NF G12000 ⊕ 1NO+2NC L	
NA L12000 ⊕ 1NO+2NC LA	VN CM12DN5 5				NF L12000 ⊕ 1NO+2NC LA	VN CP12DN5 5
NA H12000 ⊕ 1NO+2NC LO					NF H12000 ⊕ 1NO+2NC LO	
NA B22000 ⊕ 2NO+2NC R	VN CM22DN2 2		VN CM22SMK		NF B22000 ⊕ 2NO+2NC R	VN CP22DN2 2
NA G22000 ⊕ 2NO+2NC L		VN CM22DMK			NF G22000 ⊕ 2NO+2NC L	
NA L22000 ⊕ 2NO+2NC LA	VN CM22DN5 5				NF L22000 ⊕ 2NO+2NC LA	VN CP22DN5 5
NA H22000 ⊕ 2NO+2NC LO					NF H22000 ⊕ 2NO+2NC LO	

⚠ Forbidden to install VN CM***** connector on polymer housing

⚠ Forbidden to install VN CP***** connector on metal housing



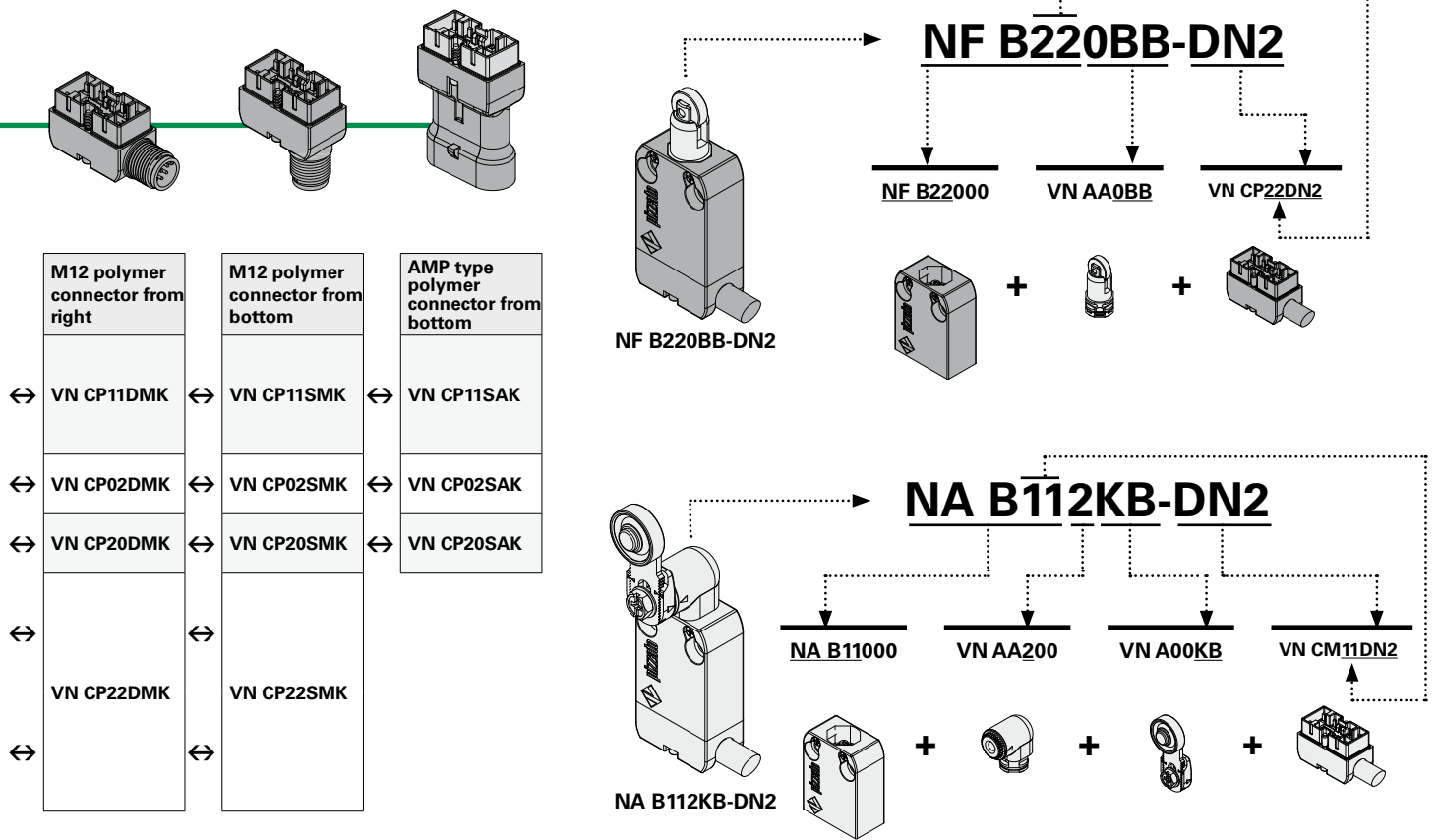
- | | | | | | | | | |
|---|---|--|---|---|--|---|---|--|
|  |  |  |  |  |  |  |  |  |
| VN AA0CP ⊕
Unidirectional roller lever | VN AA0CV ⊕
Adjustable offset roller lever | VN AA0EB ⊕
Plunger with M12 threaded bearing | VN AA0EE ⊕
Plunger with M12 threaded bearing and external rubber gasket | VN AA0FB ⊕
Plunger with roller and M12 threaded bearing | VN AA0GB ⊕
Plunger with Ø 6 mm sphere | VN AA0HB
Spring rod with plastic pin | VN AA0HE
Spring rod | VN AA0HH
Spring rod with cat's whisker |
|  |  |  |  |  |  |  |  | |
| VN A00KG ⊕
Adjustable shaped metal revolving lever Ø 20 mm roller | VN A00KH ⊕
Adjustable shaped metal revolving lever Ø 20 mm roller | VN A00KP ⊕
Adjustable-length straight metal revolving lever Ø 20 mm roller | VN A00LB
Metal revolving lever with adjustable square stainless steel rod 3x3x125 | VN A00LE
Metal revolving lever with adjustable stainless steel rod Ø3x125 | VN A00LH
Metal revolving lever with adjustable fiber glass rod Ø6x200 | VN A00LL
Metal revolving lever with flexible adjustable rod | VN A00LP ⊕
Metal revolving lever with porcelain roller | |

⚠ Installation for persons protection applications:

In order to obtain a safety switch with positive opening ⊕, assemble housings having the positive opening symbol next to the code ⊕ with actuators having the positive opening symbol next to the code ⊕.

Example: **VN A00KB** ⊕ + **VN AA200** ⊕ + **NA B11000** ⊕

Examples of article code composition



Housings

metal housing NA	metal housing NB
NA B11000 ⊕ 1NO+1NC	NB B11000 ⊕ 1NO+1NC R
NA G11000 ⊕ 1NO+1NC L	NB G11000 ⊕ 1NO+1NC L
NA B12000 ⊕ 1NO+2NC R	NB B12000 ⊕ 1NO+2NC R
NA G12000 ⊕ 1NO+2NC L	NB G12000 ⊕ 1NO+2NC L
NA L12000 ⊕ 1NO+2NC LA	NB L12000 ⊕ 1NO+2NC LA
NA B22000 ⊕ 2NO+2NC R	NB B22000 ⊕ 2NO+2NC R
NA G22000 ⊕ 2NO+2NC L	NB G22000 ⊕ 2NO+2NC L
NA L22000 ⊕ 2NO+2NC LA	NB L22000 ⊕ 2NO+2NC LA
NA H22000 ⊕ 2NO+2NC LO	NB H22000 ⊕ 2NO+2NC LO

Contacts type:
R = snap action
L = slow action
LO = slow action overlapped
LA = slow action closer

polymer housing NF
NF B11000 ⊕ 1NO+1NC R
NF G11000 ⊕ 1NO+1NC L
NF B12000 ⊕ 1NO+2NC R
NF G12000 ⊕ 1NO+2NC L
NF L12000 ⊕ 1NO+2NC LA
NF B22000 ⊕ 2NO+2NC R
NF G22000 ⊕ 2NO+2NC L
NF L22000 ⊕ 2NO+2NC LA
NF H22000 ⊕ 2NO+2NC LO

Connector with cable

metal connectors for NA and NB housing	Cable length(m)	Cable type
		N = PVC Fixed laying cable H = PUR HALOGEN FREE Dynamic laying cable
VN CM11DN2 1NO+1NC	2	N
VN CM11DN5 1NO+1NC	5	
VN CM12DN2 1NO+2NC	2	
VN CM12DN5 1NO+2NC	5	
VN CM22DN2 2NO+2NC	2	
VN CM22DN5 2NO+2NC	5	H
VN CM11DH2 1NO+1NC	2	
VN CM11DH5 1NO+1NC	5	
VN CM12DH2 1NO+2NC	2	
VN CM12DH5 1NO+2NC	5	

Other cable lengths on request

polymer connectors for NF housing	Cable length(m)	Cable type
		N = PVC Fixed laying cable
VN CP11DN2 1NO+1NC	2	N
VN CP11DN5 1NO+1NC	5	
VN CP12DN2 1NO+2NC	2	
VN CP12DN5 1NO+2NC	5	
VN CP22DN2 2NO+2NC	2	
VN CP22DN5 2NO+2NC	5	

M12 or AMP connector

⚠ Attention: Always check that the electric load used respects the voltage and current limits for the connectors. See table on page 2/104 - 2/114.

metal connectors for NA and NB housing	
M12 connector from right 	M12 connector from bottom
VN CM11DMK 1NO+1NC	VN CM11SMK 1NO+1NC
VN CM02DMK 2NC	VN CM02SMK 2NC
VN CM22DMK 2NO+2NC	VN CM22SMK 2NO+2NC

polymer connectors for NF housing	
M12 connector from right 	M12 connector from bottom
VN CP11DMK 1NO+1NC	VN CP11SMK 1NO+1NC
VN CP02DMK 2NC	VN CP02SMK 2NC
VN CP22DMK 2NO+2NC	VN CP22SMK 2NO+2NC

AMP polymer super seal 1,5 connector	
VN CM11SAK 1NO+1NC	
VN CM02SAK 2NC	
VN CM20SAK 2NO	

polymer AMP super seal 1,5 connector	
VN CP11SAK 1NO+1NC	
VN CP02SAK 2NC	
VN CP20SAK 2NO	

Items with code on the **green** background are available in stock



Actuators

VN AA0AA	VN AA0AB	VN AA0AC	VN AA0AE	VN AA0BB	VN AA0BE
VN AA0CB	VN AA0CH	VN AA0CP	VN AA0CV	VN AA0EB	VN AA0EE
VN AA0FB	VN AA0GB	VN AA0HB	VN AA0HE	VN AA0HH	

Revolving levers

ATTENTION: These loose actuators can be used with products of series NA, NB and NF only.

VN A00KA	VN A00KB	VN A00KC	VN A00KD	VN A00KE	VN A00KF
VN A00KG	VN A00KH	VN A00KP	VN A00LB	VN A00LE	VN A00LH
VN A00LL	VN A00LP				

Head

VN AA200

Transmission block

VN AA000-W5

Items with code on the green background are available in stock